HOLSTEIN-FRIESIAN WORLD

VOL. III. ITHACA, NEW YORK, APRIL 1, 1906. No. 7.

H. MASON KNOX
Proprietor of Success Stock Farm and President of the Holstein-Friesian Breeders' Club of St. Lawrence County, N. Y.

THE BLOOMINGDALE HERD

Is the Home of over **One Hundred Head of Registered Holstein-Friesian Cattle.**

ANY ONE WISHING TO BUY AN EXTRA QUALITY OF HIGH-CLASS HOLSTEINS OF EITHER SEX

Or any age will be able to select from this herd something that will please him both in quality and price.

A. A. CORTELYOU, SOMERVILLE, N. J.

Breeders' Directory.

If your subscription is paid in advance, your herd will be published in this directory at $1.00 per year.

CALIFORNIA.

Pierce Land and Stock Co., Riverside Herd, W. C. Hunt, Manager, Stockton, San Joaquin Co.

ILLINOIS.

Lookingglass Herd, August Stocker, Highland, Madison Co.

MASSACHUSETTS.

Edgelake Farm Herd, B. W. Potter & Son, Rutland, Worcester Co.

Highlawn Farm Herd, F. P. Knowles, Auburn, Worcester county.

Woodside Farm Herd, John B. Marcou, Princeton, Worcester county.

MICHIGAN.

Sexton's Herd, W. K. Sexton, Howell, Livingston Co.

MISSOURI.

Grand River Herd, B. L. Bean, Cameron, Clinton county.

Hillcrest Farm Herd, Geo. C. Mosher, Kansas City, Jackson county.

NEW JERSEY.

Bloomingdale Herd, A. A. Cortelyou, Neshanic, Somerset county.

NEW YORK.

Star Farm Herd, Horace L. Bronson, Cortland, Cortland county.

Sunrise Herd, Ralph Corbin, Bainbridge, Chenango county.

Corning Herd, L. H. Corning, Cortland, Cortland county.

Davis Brothers Herd, Davis Bros., Clifford, Oswego Co.

Crown Herd, I. J. Foster, Cortland, Cortland county.

Maple Lawn Herd, Lawrence L. Grow, Ft. Jackson, St. Lawrence county.

Pleasant Valley Stock Farm, C. F. Hunt, Manlius, Onondaga Co.

Lewis's Herd, Harris Lewis, Norwich, Chenango county.

Success Stock Farm, H. Mason Knox, Canton, St. Lawrence county.

Lakeland Herd, Wing R. Smith, Syracuse, Onondaga county.

Pleasant View Farm Herd, J. A. Stanton, New Woodstock, Madison Co.

Brookside-Moyerdale Herd, The Stevens Brothers-Hastings Co., Lacona.

Cloverlands Farm Herd, E. M. West, Reber, Essex Co.

Otselic Stock Farm, Isaac Dalrymple, Otselic, Chenango County.

PENNSYLVANIA.

Springdale Herd, H. M. Lyon & Sons, Wyalusing, Bradford county.

VERMONT.

Cloverdale Farm Herd, J. G. White & Son, Brandon, Rutland County.

VIRGINIA.

Hygeia Farm, Samuel Adams Robinson, M. D., Covesville, Albemarle Co.

THE STEVENS HERD OFFERS A GOOD ONE.

BULL BORN SEPT. 27, '05.

Inka Princess' Canada Prince
- Calamity Jane's Paul
  - Sir Paul De Kol Clothilde
  - Calamity Jane
- Inka Princess
  - Aaggie Leila's Prince
  - Inka Darkness

Copia Hengerveld 3rd
- Johanna Aaggie'2d's Lad
  - Sarcastic Lad
  - Johanna Aaggie 2d
- Copia Hengerveld
  - Pietertje Hengerveld's Count De Kol
  - Copia 6th's Onyx

A son of an 18.3 lb. heifer under 2½ years old, sired by the only living son of Inka Princess. An extra good one to cross on the DeKols. Write for records and particulars.

Many other young bulls sired by, and cows bred to **Beryl Wayne's Paul De Kol, De Kol 2d's Butter Boy 3d, Karel Bos (Imp.)** and heifers bred to **Korndyke Butter Boy. Beauty Pietertje De Kol Burke,** and other first class sires.

We can offer first class animals of both sexes, any age, singly or in car lots. Send for folder and state what you want.

Henry Stevens & Son, - Lacona, N. Y.

Holstein-Friesians at Lakeland Farm.

Bull Calves,
Heifer Calves,
Yearling Bulls
Yearling Heifers,
A. R. O. Cows—all ages.

Choice breeding and high quality combined with low prices should attract buyers. Write for particulars or come and see stock.

WING R. SMITH, Syracuse, N. Y.

In writing advertisers mention the WORLD.

FAIRVIEW HERD

has on hand a few bull calves sired by Korndyke Queen De Kol's Prince, and out of officially tested cows, that are for sale cheap. Don't you want a Korndyke bull to place at the head of your herd? These are bred right and are fine individuals. Also have two or three sired by Beets Ormsby, whose dam has an A. R. O. record of 25 lbs. 9 oz. butter in 7 days and a milk record of 88 lbs. in one day. These calves must be sold at once to make room for the spring increase, and they will be sold at a low price, breeding and individuality considered. Write me just what you are in need of in Holsteins. I have 82 head on hand now and will sell almost anything to reduce stock.

E. H. DOLLAR,
HEUVELTON, N. Y.

In writing advertisers mention the WORLD.

If you want to
PUBLISH A PICTURE
send it to the
Ithaca Publishing Co., Ithaca, N. Y.
and have a beautiful half-tone cut made
Prices low. Pictures returned.

PREVENTINE

The only remedy guaranteed to prevent abortion in cows and scours in young calves. Used with success for years in leading Holstein herds. Unequaled as a disinfectant and germ destroyer. Sold under a positive guarantee by

THE STEVENS BROTHERS-HASTINGS CO.,
(The Holstein Breeders) **Lacona, Oswego Co., N. Y.**

Cloverdale Farm, Brandon, Vt., Aug. 7, 1905.

Dear Sir:—Three years ago we lost three calves of abortion, and sent the next yearand got a gallon of your PREVENTINE and used according to directions, and haven't lost another calf. One of our neighbors lost several last winter. We got some for him. and they haven't lost any more. It is the best fly remedy we ever used. Yours truly, J. G. WHITE & SON.

Holstein-Friesian World.

VOL. III. ITHACA, NEW YORK, APRLI 1, 1906. No. 7.

CONTENTS.

Frontispiece—H. Mason Knox.
Breeders' Directory..... 104
H.-F. Association Directory..... 105
STUDY TABLE.
The Model Friesian Cow..... 105
A Glimpse of the Coming Hunt Sale 107
Illustration—Sadie Vale Concordia's Paul De Kol..... 107
Special Prizes for Western State Fairs 107
Summary of Official Records from Feb. 17 to March 15, 1906..... 109
Illustration—Dora Pietertje Hengerveld De Kol..... 109
FIELD NOTES..... 110
BREEDERS' BULLETIN BOARD..... 110
Illustration—Barrington Onda..... 111
NUGGETS 111
EDITORIALS:
Denatured Alcohol 112
New Advertisements..... 113
Illustration—Maud De Kol Netherlands 113
HOME CIRCLE:
Poem—"If You've Never Been Out of a Job"..... 115
Selections 115
Conscript of 1813..... 115
Transfers week ending Feb. 17.... 116
Official Records, Feb. 17-March 15. 118
Transfers week ending Feb. 24..... 121
Transfers week ending March 3.... 123

HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA.

DIRECTORY.

President,
A. A. CORTELYOU, Neshanic, N. J.
First Vice-President,
W. A. MATTESON, Utica, N. Y.
Second Vice-President,
M. E. MOORE, Cameron, Mo.
Third Vice-President,
R. M. HOTALING, San Francisco, Cal.
Fourth Vice-President,
H. L. BRONSON, Cortland, N. Y.
Treasurer
WING R. SMITH, Syracuse, N. Y.
Secretary,
FREDERICK L. HOUGHTON, Brattleboro, Vt.
Superintendent of Advanced Registry,
MALCOLM H. GARDNER, Delavan, Wis.
Directors,
A. W. BROWN, Unadilla Forks, N. Y.
ELDON F. SMITH, Columbus, O.
W. J. GILLETTE, Rosendale, Wis.
T. A. MITCHELL, Weedsport, N. Y.
W. B. BARNEY, Hampton, Ia.
W. S. CARPENTER, Menominee, Mich.

Fees for Registry.

Members' Fees, Males, $2.00; Females, $1.00; Males over one year of age, $4.00; Females over one year of age, $2.00.

Non-Members' Fees, Males, $4.00; Females, $2.00; Males over one year of age, $8.00; Females over one year of age, $4.00.

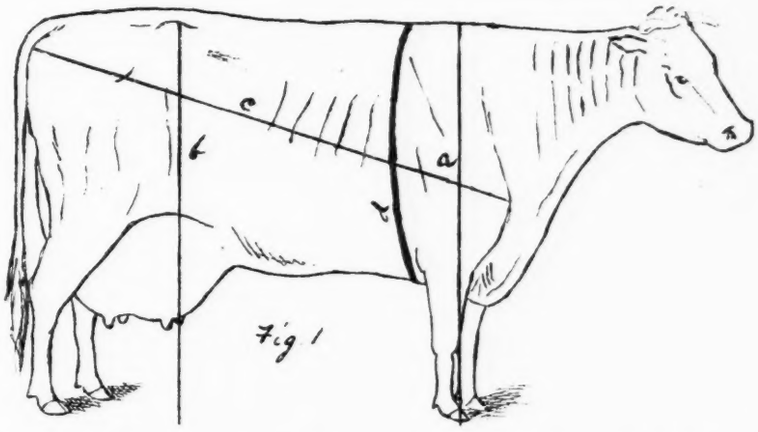
Fees for Transfers.

Members' Fees, 25 cents; after six months from date of sale, 50 cents.

Non-Members' Fees, 50 cents; after six months from date of sale, $1.00.

Life Membership, $25.

Advanced Registry and Official Testing in charge of the Superintendent as above, who will furnish information and blanks.

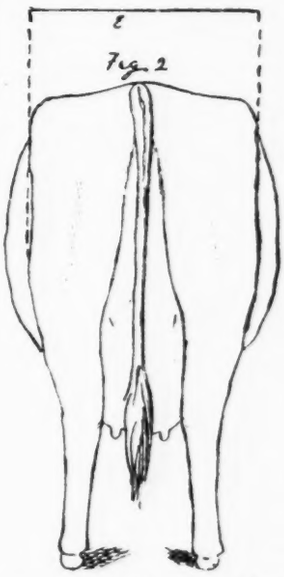


The Study Table.

The Modern Friesian Cow.

The above outlines are copied from the last volume of the Friesian Herd Book. They represent the Friesian ideal of a perfect cow. This Herd Book was commenced in 1880. Friesland is one of the wealthiest provinces of Netherlands. It has an area of 1,253 square miles—thirty-eight more than Oneida county, New York. As compared with the State of Rhode Island, it has fifty-three square miles less, and in 1874, at which time the following statistics were obtained, its population was 300,257, or 42,018 in excess of Rhode Island. One of the reasons for choosing this date is the fact that at that time the manufacture of artificial butter had not been introduced into this province. During that year it exported to England 40,763 cwt. of cheese and 266,041 cwt. of butter, or 4,565,456 lbs. of cheese and 29,796,592 lbs. of butter. In 1879 the number of cows in Friesland was 144,802. Assuming an equal number in 1874, this exportation of butter to England alone was an average of 205¾ lbs. for all the cows, old and young, owned in this province. Even if there were no home consumption and no sales to other foreign countries, these exports alone sufficiently demonstrate the superior ability of Friesian cows to produce dairy products.

From 1870 to 1880 Friesland exported a large number of cattle to the United States. This demand led to the establishment of the Friesian Herd Book solely for registering cattle bred in this province. Previous to this time the breeders had registered select animals in the Netherlands Herd Book. Before proceeding to describe the requirements for registration in the new Herd Book the writer begs leave to quote Professor I. P. Roberts on the method of natural selection that preceded the origin of the system established by this Herd Book.



In an address before the New York State Dairyman's Association in 1880, Professor Roberts said in part: I had the good fortune during the past summer to spend some time in North Holland and Friesland. Here in ancient grass-bottomed lakes, snatched from the inroads of the sea by the greatest skill and labors the world has ever known, I found the ideal milk producer. I have not put it too strong when I say, truthfully, that neither from Beemster Pol-

der northward, nor in Friesland, did I see what might be called a poor cow or an old cow, though I saw hundreds. Having unusually fine facilities, I tried to study carefully their methods and also their results.

In the first place, few bulls are kept, and these but for two or three years at most, when they are sold in the market for beef. These bulls are selected with the utmost care, invariably being from their choicest milkers. But little attention is paid to fancy points or color, though dark spotted is preferred to light spotted. Though more attention is now being paid to color in order to suit American customers. All other bull calves with scarce an exception are sold as veals, bringing about one and a half times as much as with us. In like manner the heifer calves are sold, except about 25 per cent., which are also selected with care and raised on skim milk. The age of the cow is usually denoted by the number of her calves, and in no case did I find a cow that had had more than six calves, usually only four or five. Their rule is to breed so that the cow's first calf is dropped in the stable before the dam is two years old in order that extra care may be given. There are other objects gained by this method; for should the heifer fall below their high standard she goes to the butcher's market before another wintering, and though she brought little profit to the dairy she will more than pay for her keeping at the block.

Here we find a three-fold method of selection. First, in the sire; second, in the young calf, judged largely by the milking qualities of the dam; and lastly is applied the greatest of all tests, performance at the pail; and not till she answers this satisfactorily is she accorded a permanent place in the dairy.

The writer would be glad to quote the whole of Professor Roberts' address, but space allotted to this article will not permit. However, I will add a special reference made by him to our American native and grade cattle: "I suppose," said he, "no paper at a dairyman's convention would be considered complete without giving the so-called native a kick; if so, mine will be left unfinished, for I consider some of the two-legged natives far harder material to improve upon than the four-legged. *There is much good blood in the latter, and if we used half the skill that the Dutch do in improving them we would soon cease importing cattle.*" The writer has italicised the last few words as they express a wealth of wisdom.

Pure-bred scrubs are quite as plentiful in this countdy as native scrubs in proportion to their number.

Turning our attention to the requirements of the Friesian Herd Book: No animal can be admitted to it without passing a rigird examination by the inspector of the Friesian association—really its most important officer. Bulls must reach a vigorous breeding age; cows must have had one or more calves and prove to be superior milkers; both must score a certain number of points. Pedigreed cattle at least 70 points, unpedigreed 75 points.

The following is the scale of points adopted for cows:

	Points.
Head (form, eyes, nose) and horns	8
Neck, shoulders, breast	10
Back, ribs, foreflanks	8
Loins	8
Hips, including rump to roots of tail	12
Thighs	6
Tail	4
Legs	6
Udder, teats and milk tokens	20
General appearance, including hide and hair, stand and walk	18
Total	100

Five measurements as shown in the above outlines are also required: Height at shoulders and hips, length of body, girth at the smallest circumference of the chest, and width at hips.

The following is the scale of points adopted for bulls:

	Points.
Head (form, eyes and nose)	9
Horns	6
Neck, breast, withers, shoulders	12
Ribs, back, loin	15
Hips, including rump	9
Thighs	7
Tail	3
Legs, stand, walk	8
Mil ktokens, hide, hair, etc	6
General appearance	25
Total	100

No further description or explanation is given of the parts of the animals referred to. It is assumed that the inspector is thoroughly qualified for the work—that he knows the model form and the relation of the parts to it, be it a cow or bull. The following entries will illustrate the application of the measurements and scales:

No. 3089, Doede (a pedigreed bull 1 year, 10 months, 23 days old).

Measurements: Height, shoulders, 55.1, hips 55.9; length, body 67.7; girth 78.7; width, hips 21.3 inches.

Score: 6, 4, 8, 10, 7, 4, 2, 6, 5, 17 equals 70 points; for breeding, 5 points. (Every pedigreed animal is credited from one-half to 5 points for breeding.)

Record of dam made in 1903: Milk, 14,099 lbs.; per cent. fat, 3.13; butter, 475 lbs. in 297 days. (Ratio of fat to butter, 92.9 per centt.)

No. 7578, Hoog Hoorn (an unpedigreed cow 8 years, 3 months, 8 days old.)

Measurements: Height, shoulders, 53.1, hips 53.9; length, body 67.7; girth, 75.6; width, 22.8 inches.

Score: 4, 6, 6, 6, 12, 4, 4, 4, 18, 15 equals 79 points.

Record made in 1904: Milk, 9.558.6 lbs.; per cent. fat, 3.81; butter, 397.7 lbs. in 283 days. (Ratio of fat to butter, 91.8 per cent.)

The rules for official testing recognize that the higher per cent. of fat in the milk the less waste in the manufacture of butter.

There is no doubt that the cows entered are great milkers and that they fatten readily. Do they produce a good quality of beef? A quotation from the address of Professor Roberts, above referred to, would seem to be a sufficient answer: "I ate it," said he, "for three weeks and the English beef for two, and while not so fat as the Shorthorn, it was, to my taste, superior." The cows are usually dried off and fattened at from six to eight years old. During the last period of lactation they are fed liberally. In some instances they are milked during this period more than a year. In the last volume of the Herd Book records of about 1,800 cows are reported in an appendix. Of this number 63 were thus milked and fed for over 400 days. Are the methods pursued by these dairymen profitable? Another quotation from Professor Roberts would also seem to be a sufficient answer to this query: "The cows, no matter how good, are seldom kept till they become 'old, worn-out shells,' valueless for beef and not fit to propagate their kind, but are sold for beef while they are vigorous enough to put on flesh *profitable alike to producer and consumer.*" It is well known that many of these breeders and dairymen in handling such cattle by the methods thus described have become wealthy, at the same time paying an annual rent ranging from $10 to $20 per acre on their holdings.

H.

* * * * * * * * * * *
* *The advertisement that I have* *
* *been carrying in the* WORLD *has* *
* *been a satisfactory one. I have had* *
* *quite a number of inquiries, and I* *
* *must say they have resulted in* *
* *sales that have been satisfactory.* *
* *With best wishes,* *
* *A. A. CORTELYOU.* *
* * * * * * * * * * *

A ton of cheese contains about $6 worth of fertility. A ton of butter, practically nothing.

Trix—Is his married life one grand, sweet song? Tom—No, it's a "plaintiff" melody just now. He's the defendant in divorce proceedings.—Puck.

A Glimpse of the Coming Hunt Sale.

On April 18-19, 1906, at Syracuse, N. Y., Mr. C. F. Hunt, proprietor of the Pleasant Valley Stock Farms, offers at public auction 125 head of registered Holstein-Friesian cattle. This will be Mr. Hunt's fifth annual sale. Each year his cattle offered have been of a better quality as to breeding; until this coming sale they about reach perfection, both in breeding and individuality.

There will be representatives of nearly every present popular and old-time favorite families. I cannot tell you of all the good ones, because they are all good and space will not permit. Therefore I will give you a brief description of the ones that impressed me most favorably. There is a fine collection of ten young bulls. There is one sired by Sadie Vale Concordia's Paul De Kol and out of the imported heifer, Dina 4th, who has a two-year-old record of 17.32 lbs., average per cent. fat 4.17. Her sire is the only foreign bull who is in the list of standard sires in this country. This young bull is just ready to head a first-class herd. He is finely marked.

There is another sired by the same bull and out of a heifer with a two-year-old record of 15 lbs. 6 oz. He is a little dandy, and the one who admires the white ones will do well to look him up. We have an all-around good one in Beets Ormsby De Kol, sired by the butter bred bull, Duchess Ormsby's Butter King and out of a daughter of Paul Beets De Kol, with a record of over 18 lbs. He is more white than black and in the pink of condition. Individuality the very best. There are other ones sired by De Kol Burke and Sir Johanna De Kol 10th.

In the cow line I believe Mr. Hunt is putting before the public the very best combination of breeding and individuality there has ever been offered as a whole. There is something like thirty head of the great Johanna strain. Many sired by a son of Sarcastic Lad. You know the grand champion and sweepstake at the St. Louis Exposition. And out of Johanna De Kol, who not only has a record herself of over 20 lbs., but she has daughters with records as high as 24 lbs. ; more sired by a son of Aaggie Cornelia 5th's Clothilde Imperial, who has many A. R. O. daughters, five whose records average 22 lbs., and out of the grand cow, Johanna 5th, 22 lbs., with no A. R. O. daughters with records less than 20 lbs.

Many of these have daughters sired by such bulls as Caesar Ulkje, whose dam, Ulkje, a fine imported cow of Woodcrest Farm with a 25 lbs. record; Sir Johanna De Kol 10th, whose dam, Netherland Bessie, has a record of 24 lbs. 15 oz., and all her daughters average 18 lbs. 9 oz. Others sired by a grandson of Katy Spofford Corona and out of an A. R. O. cow.

In Adventuress 3d's De Kol we have one of Paul De Kol's most desirable daughters. Her dam, Adventuress 3d, has a record of 18 lbs. 11 oz. at 11 years. She is a cow that every one admired, and her daughters, all grand daughters of Paul De Kol ,are just as fine.

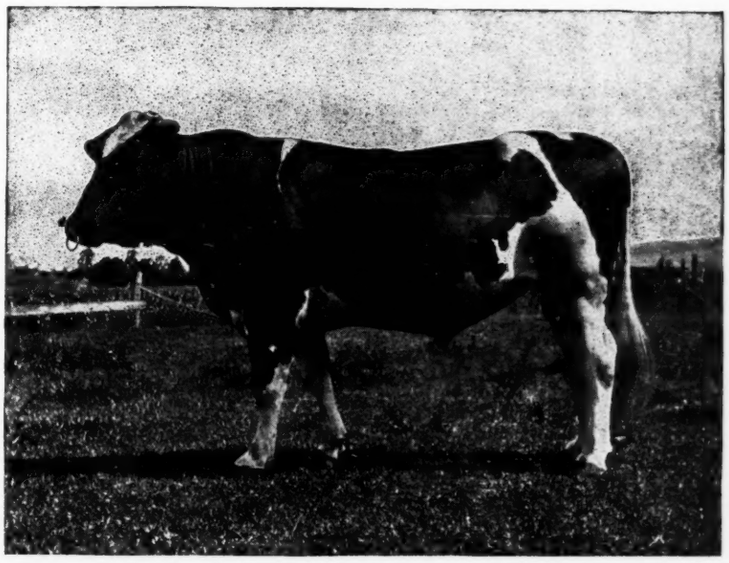
In this same lot is the beautiful Colantha Duchess, a direct descendant of old Colantha. She has a trio of daughters to go with her, all marked alike, and are of the same attractive type as Colantha. The Gerben family is represented by three Gerben sisters, all A. R. O. cows. They each have a daughterter sired by Sir Johanna De Kol 10th. Look him up in the catalogue; then do not miss seeing the three cows and their three daughters and you will want a Gerben family right off.

Then there are Calamities, Mechthildes and Tiranias. Mr. Hunt has a line of heifers from them, just fresh, with very large fine shaped udders. Now I will give you the names of a few cows that do not come under the above; they are first-class animals in shape and build. One is Alece Posch, imported just fresh with a fine heifer calf sired by Sadie Vale Concordia's Paul De Kol. If points count, she will make her mark. Dora Pietertje Hengerveld De Kol is another lately fresh, with a heifer calf by the same bull. She was then milking 70 lbs. per day. Winnie Clothilde is a 4 per cent. young cow with a fine udder. There are also other imported ones.

In the heifer line there are many sired by Sadie Vale Concordia's Paul De Kol. One of the gems of this bunch is Lilla Veeman Concordia; her dam was an extra fine cow, who, like many other good cows, was given no chance to prove her ability. She was a great milk producer, having given over 80 lbs. per day. I am told she is to be served to a son of the champion cow, Aaggie Cornucopia Pauline De Kol, before the sale.

The daughters of De Kol 2d's Butter Boy 3d's Son are extra fine; as are likewise the grand-daughters of Pietertje Hengerveld's Count De Kol. Then there is a great pair of heifers—I do not remember their names, but one was from a 20 lb. four-year-old and the other from a 19 lb. three-year-old. There are many others from A. R. O. cows. To go with these are fifteen daughters of the great sire we all know, De Kol Burke. All peaches and cream kind, trimest of heads and necks.

This sale of cattle will be not only a credit to Mr. Hunt, but it will be a credit to the Holstein-Friesian breed as well. A. M. ROWAN.



SADIE VALE CONCORDIA'S PAUL DEKOL.
A son of the Champion Cow of the world. Mr. C. F. Hunt's service bull.

Special Prizes for Western State Fairs.

Hampton, Ia., March 19, 1906.

C. G. BROWN,
Editor HOLSTEIN-FRIESIAN WORLD,
Ithaca, N. Y.

Dear Sir:—I am pleased to inform you that the committee on special prizes for Western State fairs has arranged to hold their show with the Illinois State Fair this year, and offer our special prizes at this fair. In addition to the enclosed classification, the fair will offer about $1,100 for our breed, making in all over $1,500 to show for. We hope

ELMCO FEEDS

HIGHEST QUALITY

SOLD DIRECT

Weekly Price List

Based upon Boston through Freight Rate, we quote in carload lots only, delivered nearest railroad station where there is an agent.

Packed in 200 lb. sacks.

"ELMCO" Bran	per ton	$21.15
"ELMCO" Standard Middlings	"	21.40
"ELMCO" White Middlings	"	23.90
"ELMCO" Mixed Feed	"	21.65
"ELMCO" Red Dog, in 140 lb. sacks	"	25.40

50 cents per ton higher if packed in 100 lb. sacks.

TERMS—Net cash. Draft payable on arrival car at destination. Satisfactory evidence of responsibility must accompany each order.

Quotation for carlots only and is subject to change without notice. In writing or wiring about this quotation be certain to give both number and date of same.

No. 1294 Date March 28, 1906

WRITE OR WIRE TO

LISTMAN MILL CO.,

LA CROOSE, WIS.

DIRECT DEALING DEPENDS FOR SUCCESS UPON HONEST GOODS AND METHODS

RESPONSIBLE GUARANTEES CHEMICAL ANALYSES SUPPORT OUR BRANDS OF PURE FEED

this may bring out even a larger showing than we had at Wisconsin last year. The Illinois people assure the writer that they will do everything in their power to make this exhibit a success.

Yours truly,

W. B. BARNEY,

Chairman Special Prize Committee.

Special prizes offered by the Holstein-Friesian Association of America at Illinois State Fair, Springfield, Ill., Sept. 28 to Oct. 5, 1906:

INDIVIDUAL.

Bull, 3 years old or over, $10, $7, $5, $3.

Bull, 2 years old and under 3, $10, $7, $5.

Bull, 1 year old and under 2, $10, $7, $5.

Bull calf under 1 year, $10, $7, $5, $3.

Cow, 3 years old or over, $10, $7, $5, $3.

Heifer, 2 years old and under 3, $10, $7, $5, $3.

Heifer, 1 year old and under 2, $10, $7, $5, $3.

Heifer calf under 1 year, $10, $7, $5, $3.

EXHIBITORS' HERD.

Herd to consist of one bull 2 years old or over, one cow 3 years old or over, one heifer 2 years old and under 3, one heifer 1 year old and under 2, one heifer 1 year old, $20, $12, $8, $5.

BREEDERS' YOUNG HERD.

Herd to consist of one bull under 2 years, two heifers 1 year old and under 2, and two heifer calves under 1 year, all except the bull to be bred by the exhibitor, $20, $12, $8, $5.

GET OF SIRE.

Four animals of either sex, the get of one sire, $15, $10, $7, $5.

PRODUCE OF COW.

Two animals of either sex, the produce of one cow, $12, $8, $6, $4.

SWEEPSTAKES.

Bull, any age, $10; cow, any age, $10.

To Holstein cow 4 years old or over winning best position in butter test, $10, $5.

To Holstein heifer under 4 years old winning best position in butter test, $10, $5.

Summary of official Records from Feb. 17 to March 15, 1906.

Unless otherwise mentioned, these records are for a period of seven consecutive days. They are made under the careful supervision of State agricultural colleges and experiment stations, and their accuracy is vouched for by them; no private records are reported by the Holstein-Friesian Association.

During the period from Feb. 17 to Feb. 28, 1906, records made by 90 cows have been accepted. All made seven-day, 3 made 14-day and 17 made 30-day records, while one made a 21-day and one a 16-day record. Thus, while there were but 90 cows, the test work covered 152 weeks, or almost three years. It is the great extent of the work that makes the deductions from H.-F. tests so reliable. The averages by ages were as follows.

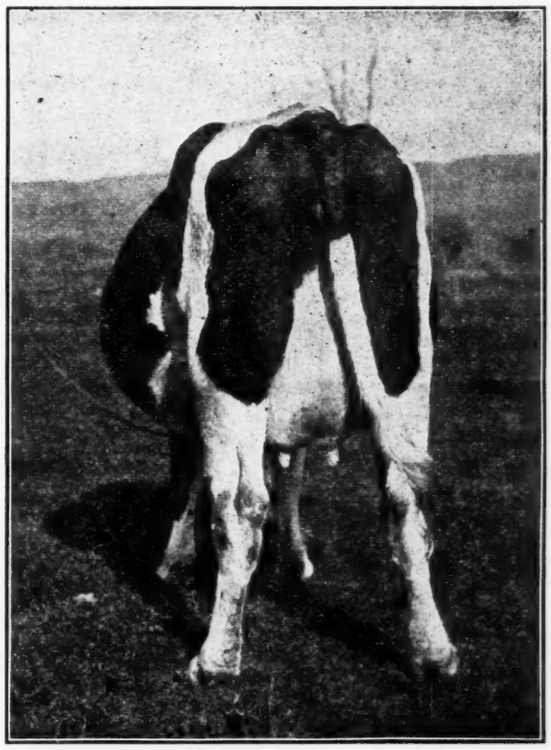
Twenty-six full aged cows averaged: age, 6 years, 2 months, 2 days; days from calving, 29; milk, 457.4 lbs.; per cent. fat, 3.54; fat, 16.188 lbs. Seventeen four-year-olds averaged: age, 4 years, 6 months, 26 days; days from calving, 31; milk, 437.4 lbs.; per cent. fat, 3.45; fat, 15.095 lbs. Thirteen trree-year-olds averaged: age, 3 years, 6 months, 21 days; days from calving, 26; milk, 423.4 lbs.; per cent. fat, 3.34; fat, 14.151 lbs. Thirty-four heifers classed as two-year-olds averaged: age, 2 years, 2 months, 19 days; days from calving, 30; milk, 316 lbs.; per cent. fat, 3.40; fat, 10.749 lbs.

Although the large proportion of heifers with first calf reduces the average age of this herd very materially, yet for anything but a Holstein-Friesian herd its production would be considered very remarkable. Ninety animals of all ages produced in seven consecutive days 35,574.9 lbs. milk, containing 1,226.462 lbs. butter fat, thus showing an average of 3.45 per cent. fat. The average yield for each animal was 395.3 lbs. milk, containing 13.627 lbs. butter fat, an average of 56.5 lbs. milk and nearly two pounds of butter fat per day. Any first-class butter-maker could have made nearly 16 lbs. of fine butter per cow for the week, while at 4c. per quart for the milk this herd of 90 animals would have earned an even $100 per day.

In the aged cow class, A & G Inka McKinley, 21.520 lbs. fat from 588.6 lbs. milk in 7 days, and 89.63 lbs. fat from 2,408.7 lbs. milk in 30 days, and Madrigal of Belmont, 19.528 lbs. fat from 550.2 lbs. milk in 7 days, and 80.938 lbs. fat from 2,376.7 lbs. milk in 30 days, are in the lead; and the great record of the former classes her among the good ones. She is also notable in that her dam, Segis Inka, made an official record of 22.43 lbs. fat rom 578.2 lbs. milk in 7 days, and 83.586 lbs. fat from 2,272.4 lbs. milk in 30 days. It is thus seen that the daughter surpassed her dam in the 30--day record, though that might have been because the dam was 9 years 5 months, 16 days old at time of calving. In the estimation of the writer this young cow might have done better, but she was moved five miles in a wagon and took part in the Winter Fair at Syracuse. Her re-test was not lacking in publicity, for it took place while she was at the fair and was eminently satisfactory, forming part of the 30-day record. Certainly in matters of business, Holstein-Friesian cows, at least, are not troubled with "nerves."

Edith Prescott De Kol, 19.6 lbs. fat from 571.3 lbs. milk, and Allie Nig, 18.6 lbs. fat from 455.7 lbs. milk, are noticeable in the next lower class, while among the 3-year-olds we have Blanche Lyons Hengerveld, 19.088 lbs. fat from 574.3 lbs. milk in 7 days, and 78.159 lbs. fat from 2,386.1 lbs. milk in 30 days, and Pontiac Artis, 17.340 lbs. fat from 464.2 lbs. milk in 7 days, and 71.464 lbs. fat from 1,882 lbs. milk in 30 days. Nearly 80 lbs. of milk per day for a period of 30 days is a great deal of milk for a heifer a little past three years old to produce, and the fine yield places Blanche Lyons Hengerveld's 30-day record as second and her 7-day record as fifth, among the records of H.-F. heifers of like age.

A & G Barke Segis Inka, 16.052 lbs. fat from 459.1 lbs. milk makes a fine showing in her class, while among the heifers in the two-year-old class Lilith Ingalls, 13.513 lbs. fat from 333.5 lbs. milk, and Pontiac Metis, 13.115 lbs. fat from 302 lbs. milk in 7 days, and 53.875



DORA PIETERTJE HENGERVELD DEKOL.

Over 70 lbs. milk 1 day. To be sold in the Hunt Sale, Syracuse, N. Y., April 18-19.

lbs. fat from 1,626 lbs. milk in 30 days are very prominent. These tyo heifers average less than two years of age, and in their great yields the early productiveness of H.-F. heifers is emphasized.

During the period from March 1 to March 15, 1906, records made by 90 cows have been accepted, four of which were begun more than eight months after freshening. All made seven-day records, six made thirty-day, two made fourteen-day and five made records varying in length from twenty-one to forty-one days. The averages by ages were as follows:

Thirty-seven full aged cows averaged: age, 6 years, 10 months, 14 days; days from calving, 24; milk, 417.2 lbs.; per cent. fat, 3.42; fat, 14.289 lbs. Nine fourlyear-olds averaged: age, 4 years, 5 months, 10 days; days from calving, 27; milk, 397.7 lbs.; per cent. fat, 3.32; fat, 13.232 lbs. Eleven three-year-olds averaged: age, 3 years, 8 months; days from calving, 30; milk, 412.1 lbs.; per cent. fat, 3.55; fat, 14.612 lbs. Twenty-nine heifers classed as two-year-olds averaged: age, 2 years, 4 months, 2 days; days from calving, 21; milk, 298.5 lbs.; per cent. fat, 3.36; fat, 10.03 lbs.

This herd of 86 animals of all ages produced in seven consecutive days 32,405.1 lbs. milk, containing 1,099.42 lbs. butter fat, thus showing an average of 3.41 per cent. fat. Each animal averaged 374.5 lbs: milk and 12.784 lbs. fat; being an average of 53.5 lbs. milk, equivalent to 26 quarts, per day, and fat enough per week to make nearly 15 lbs. of creamery butter. The attention of agricultural and dairy papers is invited to the work in bulk done by H.-F. cattle under the strictest of official supervision.

Pontiac Ykema, Alice Piettertje De Kol, Pontiac Tryntje and Phoebe Veeman 3d lead in treir classes. The work of the two-year-olds is good, Netherland Pauline De Kol producing 333.5 lbs. milk containing 13.760 lbs. fat, and Phoebe Veeman 3d, Flanders Mercedes Korndyke and Johanna Piebe Longfield each produced more than 12 lbs. of butter fat in the seven days. The four animals which began their records more than eight months after calving sustain the reputation of H.-F. cattle for holding out well.

The H.-F. Advanced Register is a Record of Merit, and rests solely on the individuality of the animal. Its records are of value in demonstrating the capacity of the breed at large, and as guides to the breeder in the imvrovement of the breed itself, through the process of selection. It is axiomatic that like will produce like, and the A. R. O. records aid the breeder in the process of selection for both sides, enabling him to know with reasonable certainty in advance that his matings will improve the dairy capacity of the progeny.

The A. R. O. records are also of great value to the farmer-dairyman in aiding him in the selection of sires to place at the head of herds of mixed blood, with an absolute certainty of improving the dairy capacity of these herds. The abounding vitality and hardiness of the H.-F. bull are so widely known that no one hesitates because of fear of weakening the stamina of his mixed herd; but many do hesitate to buy a pure-bred bull on account of the price. It is possible to hold the dollar so close to the eye as to shut out the view of hundreds of dollars just in the future, and it is so with the men who allow price to deter them from improvement of their common dairy herds.

Suppose the H.-F. sire produces daughters that yield but one pint at a filking more than their dams, an amount so small as not to be even noticeable without the use of the scales, the six hundred milkings of the year will make six hundred pints for each daughter, worth five dollars at the lowest estimate. But good cows are milked an average of seven years, not one year; and the excess earnings of the one daughter would amount to $35, while 12 daughters would make the excess $420. In reality a well-bred H.-F. bull will double this improvement, and when such bulls may be obtained for from $75 to $100, what sort of economy is it to continue the use of the scrub?

MALCOLM H. GARDNER,
Supt. of Advanced Registry.

Field Notes.

The Macdonald College of St. Anne, Canada, this year will start a herd of Holsteins.

Any one having H.-F. H. B., Nos. 15, 16, 17, 18 and 19, for sale will do well to correspond with H. H. Wickwire, Hubbardsville, N. Y.

President A. A. Cortelyou writes that he has sold his place at Neshantic, N. J., on which he has resided for thirty years, and will remove to Somerville, N. J., on or about April 1st.

The American Farmer says: "When you lick your stamps now remember that it is not gum arabic that you come in contact with, but a new substance discovered by the Illinois Experiment Station and extracted from the kernel of corn."

I am requested to announce that the proposed sale of pure-bred Holstein-Friesians to be held at Albany, N. Y., May 17th, by H. E. Kinne, is indefinitely postponed on account of the possibility of a serious operation for appendicitis which Mr. Kinne may be bliged to undergo at a near date.

Governor Higgins has sent a special message to the Legislature asking for legislation to provide for a celebration of the tercentenary discovery of the Hudson river in 1606, and the centennial of the first use of steam in its navigation by Fulton in 1807. A bill has been introduced covering the governor's recommendations.

The secretary of the Holstein-Friesian Breeders' Club of New York writes the H.-F. WORLDS "In a recent communication giving a report of the Holstein-Friesian Breeders' Club of New York I stated that Mr. Dimick of Rifton desired the club to meet with him on April 4th. It seems that I was mistaken in the month; it should have been May 2d. Will you be kind enough to correct this error? WING R. SMITH."

Superintendent of Advanced Registry M. H. Gardner, in his report in this issue of the WORLD, makes special mention of meritorious records made by the following cows: A. & G. Inka McKinley, owned by H. A. Moyer; Madrigal Belmont, by John B. Irwin; Edith Prescott Aaggie De Kol, by H. A. Moyer; Allie Nig, by J. W. Dimick; Blanche Lyons Hengerveld, by Wing R. Smith; Pontiac Artis, by Stevens Bros.-Hastings Co.; A. & G. Burke Segis Inka and Lilith Ingalls, by H. A. Moyer, and Pontiac Metis, by Stevens Bros.-Hastings Co; also Pontiac Ykema and Pontiac Trijntje, by Eastern Michigan Asylum; Alice Pietertje De Kol, by H. B. Lauber; Phœebe Veeman 3d, by H. H. Wickwire; Flanders Mercedes Korndyke De Kol, by F. J. Bristol, and Johanna Piebe Longfield, by M. S. Campbell. All the data concerning the records of these cows and heifers are given in the tabulated report.

Breeders' Bulletin Board.

F. P. Knowles, Auburn, Mass., writes. The photograph enclosed is of the imported cow Fokje, 82747. This, to my mind, is a typical Holstein cow. She will weigh 1,600 lbs. Unfortunately, by an accident on the boat, she lost one-quarter of her udder. I tried hard to save it, but was unable to do so. When she freshened, for more than a month, milking from only three teats, she gave from 68 to 75 lbs. of milk per day.

Hubbardsville, N. Y., March 12.
MR. EDITOR.

Dear Sir:—Through the columns of your paper I would like to mention a few facts about my herd of Holstein-Friesians. One in particular is Phebe Veeman, who at the age of 6 years 8 months made an A. R. O. record of 23 lbs. 4 oz. of butter in 7 days. Phebe Veeman is now 7 years, 8 months of age, and has six daughters and six granddaughters. Her four oldest daugrters are now in the Advanced Registry, which makes her the youngest cow of the breed with four A. R. O. daughters. Her daughters are as follows: Phebe Veeman 2d, 19 lbs., 5 oz., and Phebe Veeman's De Kol, 17 lbs., 14 oz., at four years of age; Phebe Veeman 3d, 15 lbs., 3¼ oz., and Phebe Veeman's Beauty, a little over 10 lbs. of butter at two years of age. Surely she is a great producer. Her sire is a brother of Jessie Veeman A., 26¼ lbs. of butter in seven days. She has six daughters in the Advanced Registry.

I also own Jessie Inka Pledge, who at the age of two years 2 months made an A. R. O. record of 18 lbs. 5 oz. of butter in 7 days, which is the world's record for her age. Colson Clover, at three years of age, made 14 lbs. 12 oz. of butter in seven days after being milked 114 days. All these cows mentioned belong to my Veeman family,

and the man who buys the male calf of Phebe Veeman's Beauty gets one worth owning. This is the only son of the Phebe Veeman family.

H. H. WICKWIRE.

EDITOR H.-F. WORLD.

We wish to report the following sales from our herd: To E. H. Calton, one of our neighbors, the richly bred bull calf, Frontier Korndyke Friend, whose dam in her three-year-old form with second calf has 15.97 lbs. butter to her credit for seven days, and is still in the test, which we expect to run for thirty days. She has been in the test for three weeks and at the present rate will make 67 lbs. butter and 1,700 lbs. milk; best day's milk, 60½ lbs. The sire of this calf is Korndyke Queen De Kol's Prince, No. 26025, who has twenty A. R. O. daughters. Individually this was one of the best calves that has left our herd in some time. To another neighbor, John D. More, went two very choice heifers, Mutual Friend Gypsy and Mutual Friend Dione. The latter has for her dam De Kol Mantel's De Kol, now in official test, and has to her credit between 17 and 18 lbs. of butter per week at five years old; at present writing is giving over 70 lbs. of milk per day. To A. R. Tatum, Del, we sent a very fine young bull seven months old. Will report other sales later on.

F. W. AMES,
Morristown, N. Y.

W. W. Cheney, Manlius, N. Y., writes:

I wish to call the attention of your readers to my offering in the Hunt sale at Syracuse, N. Y., on April 18th and 19th next. The offering will be first-class and will include among others the following:

Maude De Kol Netherland, No. 47302, with a record of 21.44 lbs. butter in 7 days and 13,017 lbs. milk in one year, whose dam, Maude De Kol, has a record of between 21 and 22 lbs.

Miss Ophelia De Kol, No. 56334, with a record of 15.41 lbs. butter in 7 days and 87.50 lbs. milk in one year.

Canary Butterfly Sir Henry, No. 33521, out of a record cow and a grandson of Canary Mercedes, the great record cow. He is a two-year-old fit to head any man's herd.

Daisy De Kol Wilhelmina, No. 49566. A fine young cow just fresh and will make a good record.

Sietske 4th, No. 70856. A young imported cow, large and a good individual. Will be fresh before sale.

De Kol Pietertje 2d, No. 55925, with a record of 15.48 lbs. butter.

May Wayne Spafford, No. 63968, a fine young cow.

Lucy B. Clothilde, No. 53313, with a record of 13.78 lbs. butter in 7 days as a three-year-old, and 8820 lbs. milk in one year.

Friesian Beauty, No. 57450, a young cow just fresh and will make a good record.

Rhoda Colantha Beauty, No. 44910, with a record of 18.89 lbs. in 7 days as a four-year-old, and 10309 lbs. milk in one year.

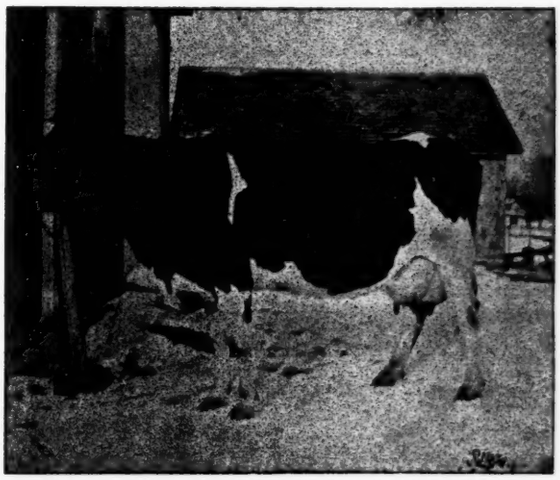
Neth rland Fancy Clothilde, No. 49940, with a record of 17.16 lbs. butter in 7 days as a three-year-old and 11722 lbs. milk in one year.

Ambassador Vale, No. 40445. A young bull calf and a fine indibidual. The average of his dam and his sire's dams records is 27.10 lbs. butter in one week.

What better can any one ask than the above?

EDITOR H.-F. WORLD:

Dear Sir:—I will write a few lines about Homestead Hengerveld De Kol Paul, No. 27641, and his daughters. This bull was bred by W. A. Matteson of Utica. His sire is Paul De Kol, Jr., out of Paul De Kol and Sadie Vale Concordia. His dam is Inka De Kol Hengerveld, a daughter of Manor De Kol. Homestead Hengerveld De Kol Paul stood at the head af my herd for four years, and he was in the show ring for an equal time, winning first prizes wherever exhibited, with one exception, when his half-brother won first and he second. This bull is not only a great bred animal, but has great show yard qaulities. His get are great producers anl hard to beat in the show ring. Six of his daughters won prizes at New York State Fair in 1905, one of them first prize and sweepstakes over all females two years old or over.



BARRINGTON ONDA. No. 44011.
A. R. O. record at 10 yrs. 6 mos., 80 lbs. milk in 1 day, 20 lbs. 4 ozs. butter in 7 days. She has three A. R. O. daughters. Owned by M. S. Nye, Preble, N. Y.

A full sister to this heifer just finished an A. R. O. record at 3 years old of 80.4 lbs. of milk and 3.20 lbs. of butter in one day, 20.05 lbs. of butter in 7 days. This heifer at 2 years made an A. R. O. of 73 lbs. of milk in one day, 18.55 lbs. of butter in 7 days, winning $30 from the association. Her name is De Kol Paul Concordia, No. 64775. A cut of this heifer appeared in the HOLSTEIN-FRIESIAN WORLD, August, 1905. This heifer's last record would have been much larger if she had not had trouble in calving. Will give a list of eleven more of his daughters that are in the A. R. O. list:

De Kol Paul Sadie Vale, 3 years, 51.2 lbs. of milk in one day, 16.23 lbs. butter in 7 days.

Dot Monarch De Kol Paul Vale, 2 years, 52.7 lbs. butter in one day, 16.2 lbs. butter in 7 days.

Daisy Inka De Kool Vale, 2 years, 56.3 lbs. milk in one day, 14.72 lbs. butter in 7 days.

Onda Pauline Sadie Vale, 2 years, 47.5 lbs. milk in one day, 13.5 lbs. butter in 7 days.

De Kol Paul Sadie Vale, 2 years, 41 lbs. milk in one day, 12.87 lbs. butter in 7 days.

De Kol Pauline Sadie Vale, 2 years, 48 lbs. milk in one day, 13 lbs. butter in 7 days.

Onda Dorothy Concordia Paul, 2 years, 58.6 lbs. milk in one day, 12.33 lbs. butter in 7 days.

Bessie De Kol Paul Concordia, 2 years, 47.8 lbs. milk in one day, 10.97 lbs. butter in 7 days.

Ononis Monarch Paul Concordia, 2 years, 44 lbs. milk in one day, 11.83 lbs. butter in 7 days.

Duck Homestead De Kol, 2 years, 43.7 lbs. milk in one day, 10.48 lbs. butter in 7 days.

Mollie De Kol Paul Vale, 1 year, 6

Continued on page 113.

NUGGETS.

Many people do not take advantage of their advantages.

The bird most popular with college students is the lark.

It is probable that the only perfectly happy man is the natural-born fool.

The woman who marries for money often gets it in the shape of alimony.

A good question for an amateur debating society: Which is the butt end of a goat?

It is suggested that when Count Boni is divorced from his meal ticket he will look bonier than ever.

Most folks think an abuse stands because it deserves to stand, whereas it stands because they don't understand.—Kidder.

We wonder if the people have all forgotten, when William Jennings Bryan was running for President, how the big insurance companies shed hot tears for fear that their policy-holders would be paid in depreciated currency? A case of purely disinterested brotherly love, very touching.

HOLSTEIN-FRIESIAN WORLD

A Journal for the Holstein Breeder, the Dairyman, and the General Farmer.

Entered at the Ithaca (N. Y.) postoffice as second class mail matter.

Issued the 1st and 15th of every month.

C . BROWN, Editor and Publisher

ITHACA, N. Y.

DEPARTMENT OF ANIMAL HUSBANDRY.

PROF. H. H. WING.....Cornell University

THE STUDY TABLE.

SOLOMON HOXIE.....Ithaca, N. Y

INFECTIOUS DISEASES OF CATTLE.

VERANUS A. MOORE..Cornell Vet. College

STAFF OF REGULAR CONTRIBUTORS.

EUGENE M. HASTINGS.....Lacona, N. Y.
MASON KNOX.....Canton, N. Y.
DR. TREMAINE WARD.....Napanee, Ont.
IRVIN NOWLAN.....Toulon, Ill.

DAIRY INDUSTRY.

HERBERT A. HOPPER....Univ. of Illinois

Subscription price One Dollar per year in advance. Three years to one subscriber for $2.00 in advance; five years for $3.00 in advance.

The date on the yellow mailing tag attached to the wrapper of each paper indicates the time to which subscription is paid.

We do not stop papers without being notified to do so.

Advertising rates sent on application.

Illustrations when furnished, will be inserted free of charge. Cuts procured at cost when desired.

Remittances should be made by draft, postoffice or express money orders. Money orders and drafts should be made payable to

C. G. BROWN.

Office of publication, 130 Hazen street, Ithaca, N. Y.

All matter for publication must reach the editor by the 8th and 24th of the month to insure appearance in current issue.

Members of the Faculties of all Agricultural Colleges, and Experiment Stations; all subscribers, and anyone having anything of interest to the readers of this journal are invited to contribute to its columns.

Special Offers. The HOLSTEIN-FRIESIAN WORLD to one subscribers one year on trial for 50 cents in advance. Old subscribers may renew as follows:

One renewal and one new subscription $1.00 in advance.

One renewal and two new subscriptions $1.30 in advance.

One renewal and three new subscriptions $1.50 in advance.

Thus for three new subscriptions one renewal is given free.

These special offers are made for the express purpose of extending the circulation of this paper. To all subscribers who for any reason cannot assist in this campaign, we wil say that there is a standing offer at the head of this column of three years to one subscriber for $2.00 in advance; five years for $3.00 in advance. Breeders' Directory, $1.00.

Editorials.

Denatured Alcohol. The bill before Congress, providing for untaxed denatured alcohol, is a measure which, should it become a law, I believe will be a great benefit to the country, especially to rural districts where gas and electric energy is not easily attainable.

Statements regarding the first cost of ethyl alcohol vary from 8 to 22 cents per gallon. It sells in the market at from $2.50 to $2.75 per gallon, the tax of $2.08 per gallon accounting for this extreme high cost. But for the high price it is claimed that it would supersede largely the use of electricity, gas, kerosene and gasoline. It would do this because it would be cheaper and more attainable for illumination and motive power than electricity, cleaner, more efficient and less dangerous than gas kerosene and gasoline. That it would be more attainable in country districts than electricity or gas needs no demonstration. It is cleaner than gas, kerosene and gasolene because the combustion is complete, leaving no soot and scarcely any residual gases to contaminate the air. It is safer because it forms with the atmosphere no explosive combinations and is readily extinguished with water.

Formerly alcohol was of little value for illuminating purposes since it burns with a blue non-luminous flame, but with the Welsbach incandescent burner it gives a steady intense and economical light. C. J. Zintheo of the U. S. Department of Agriculture, states that the expense is but one cent per hour for a 71 candle-power light. He also adds that for the production of heat generally "it is simply perfection."

The invention of explosion engines has also rendered alcohol available for the generation of motive power. It is said to accomplish all that gasoline can accomplish and much more satisfactorily, there being less waste energy in radiation and exhaustion and no deleterious and noxious vapors generated. It is said to be admirably and perfectly adapted to the farmers' use for light, heat and motive power.

With the enormous increase of motor engines, gasoline will become very expensive if not entirely inadequate to supply the demand. This can be readily understood when it is known that the western petroleum fields do not afford gasoline and the eastern supply is constantly diminishing. The recoverable gasoline constitutes but 2 per cent. of the petroleum supply.

On the other hand, the supply of alcohol is practically inexhaustible. It is a product of fermentation and can be produced from anything that contains either sugar or starch. Much could be extracted from present waste products. Hon. James Wilson, Secretary of Agriculture, has figured out that 17,000,000,000 gallons could be extracted from the corn stalks of our western cornfields annually.

The process of denaturizing would consist mainly of the addition of about 4 per cent. of crude wood alcohol. Wood alcohol is poisonous, containing a residum of formaldehyde; it also has a very nauseating odor and taste. This renders it absolutely unpotable. It could likewise be colored red or green without difficulty. The objection that the denaturized alcohol could be redistilled and the pure ethyl alcohol recovered is met by the assertion that the cost of recovery would be greater than the distillation of alcohol from crude material, and, therefore, the incentive to fraud would be slight.

The objection that it would injure the wood alcohol business, in as much as some manufacturers that now employ that commodity would shift to the use of denaturized alcohol, since it would be cheaper and better suited to their uses, is met by the argument that the new demand for the wood product off-denaturizing purposes would soon offset the losses from the other sources. Little loss of revenue could result since the purposes for which pure ethyl alcohol is now used would still exist and their requirements remain the same. However, it is the benefit of all the people that legislation should seek, and not the advantage or disadvantage of small minorities. Besides the direct benefit from the use of untaxed alcohol, which is incalculable, the indirect benefits which would result from this practically new industry in this country, and the impetus given to the production of farm crops to supply the ultimate demand cannot be estimated.

Every farmer should be interested in this question. It is not an untried thing. Nearly every civilized country has free denatured alcohol for mechanical uses. Great Britain, Germany, France, Belgium, Austria, Hungary, Italy, Russia, Cuba, Peru, Argentina and Brazil may be mentioned. Why not the United States?

Animal Husbandry.

Questions pertaining to breeding, feeding, testing and care of live stock and kindred topics answered by Prof. H. H. Wing of Cornell University. All questions for this department may be sent direct to Prof. H. H. Wing, Ithaca, N. Y. "Ask and ye shall receive."

New Advertisements.

Fred E. Hilbert, West Candor, N. Y.: H. M. Lyon & Sons, Wyalusing, Pa.; Wasson Stanchion Company, Cuba, N. Y.; E. H. Dollar, Heuuelton, N. Y.; W. W. Cheney, Manlius, N. Y.; Horace L. Bronson, Cortland, N. Y.; M. S. Nye, Preble, N. Y.; C. F. Huit, Manlius, N. Y., and R. E. Coe, Kirkville, N. Y., all have new advertisements in this issue.

Breeders' Bulletin Board.

Continued from page 111.

months, 35 lbs. milk in one day, 9.11 lbs. butter in 7 days.

Bessie Midget Paul Concordia, 1 year, 8 months, 43.8 lbs. milk in one day, 10.83 lbs. butter in 7 days.

Ten of these heifers tested at 2 years averaged 13.44 lbs. of butter in 7 days; same were tested two months after calving, one four months. I now have 24 of these heifers in the herd, twelve not old enough to give milk. They are a nice stsaight lot, square udders, looking very much alike. I am in hopes to have 12 on exhibition at New York State Fair in 1906.

Yours truly, M. S. Nye.

Mr. C. G. Brown,
Editor Holstein-Friesian World,
Ithaca, N. Y.

Dear Mr. Brown:—I want to call your attention to the fact that in the last election for officers of the Dairy Associations in three of the Western States breeders of Holstein-Friesian cattle have been selected for presidents. This includes Mr. W. J. Gillett of Wisconsin, Mr. Henry C. Glissman, Jr., of Nebraska, and the Missouri State Dairy Association has honored the owner of Hillcrest Herd by a similar distinction. These elections certainly are an indication of the appreciation of the breeders of black and white cattle bv their friends of the other breeds in the dairy sections of the great West.

The great dairy educational train sent oct bv the Atchison, Topeka and Santa Fe railroad over its various lines last week was marked by the character of the instructors from dairy division of the Department of Agriculture at Washington, also noted specialists from the various state experiment stations, about forty members in all. A report in the daily newspaper credits one of the lecturers with saying that the best cow for profitable dairying that the farmer could own is a well-bred Holstein. The demand for young stock shows that this opinion is shared by the dairymen and farmers, who realize that a full milk pail, with a liberal percentage of butter fat, is the money-maker for the farmer.

Hillcrest farm has enjoyed a good business this winter, among the sales being the fine two-year-old World's Fair Duke, who was born at the St. Louis Exposition, and who has 35 A. R. O. sisters. His dam and two sisters average 25 lbs. A. R. O., one of his sisters holding the world's record at 4½ years. Duke went to Emporia, Kan.

E. E. Moore, vice-president of the Holstein-Friesian Association, bought Hillcrest Empress Josephine, one of our well bred heifers of typical dairy form, and also a handsome young cow, Florence Jewel De Kol, that Mr. Moore writes, is giving over 60 lbs. of milk a day.

Mr. F. P. Knowles, one of the great breeders of America, whom we had the honor of entertaining at the farm last week, noted the handsome bunch of calves of which Hillcrest is deservedly proud. These are sired by our great show bull, Prince Inka Pietertje De Kol 2d, whose eighteenth daughter has just completed an A. R. O. test, nearly 15 lbs., under two years. These calves have two sisters with official records over 20 lbs., one of them 25 lbs. 5.8 oz. in seven days. Others of the calves are sired by a grandson of that wonderful bull, De Kol Burke. We have 22 cows in the herd with official records. Nearly all of these calves are out of official tested dams, tracing to the best families in the breed. Any one who is looking for a young bull as a herd header cannot afford to overlook the rich breeding of the stock we are offering for sale.

Dr. E. Petterson, a representative of the Imperial Commission of Agriculture of Germany, who visited Hillcrest this week, and who is familiar with the black and white cattle in Europe, was enthusiastic in praise of the character of the herd as shown by the individuals, the record of its ancestry and the development of the strict dairy type, which care and selection have been able to produce in the breeding at Hillcrest Farm.

Having a number of cows to freshen in the next two months, especially low prices will be made on bull calves for the next sixty days to avoid crowding the barns with new arrivals.

Correspondence is always promptly answered, and visitors to the farm, the sanitary barn and model dairy are always welcome.

Very truly yours,
Geo. C. Mosher.

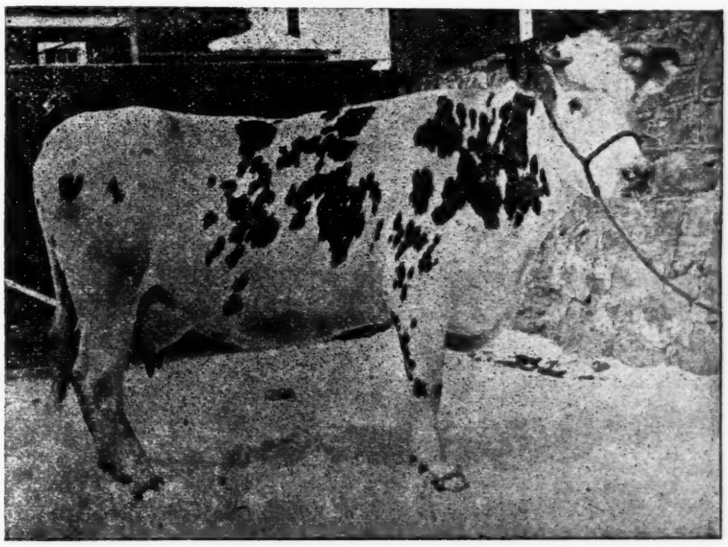
March 17, 1906.

Editor the Holstein-Friesian World,
Ithaca, N. Y.

Dear Sir:—Among the important sales from Star Farm none have been of greater importance from a breeder's standpoint than a sale to Mr. P. A. Cook of Fort Plain, N. Y., of two daughters of my Mercedes Julip's Pietertje Paul, 29830, son of the 1900 world's champion butter cow, Mercedes Julip's Pietertje, A. R. O. 7-day butter record 29.34, average per cent. fat in the milk over 4. The first of these heifers was Mercedes Aaggie Idaline Nell, 74775. She was born Sept. 23, 1904. Her dam, Aaggie Idaline Nell, had an official butter record of 18.12 lbs. in seven days.

The second Mercedes calf had for its dam Saake 3d's Netherland. She had an official butter record of 18.10 lbs. It will be seen that the combined butter record of the dam and sire's dam of both calves was 24 lbs. This, combined with the fact that they were granddaughters of the 1900 world's champion butter cow, and that they were as fine individuals as were ever sent from Star Farm, made them an attractive feature. The price paid for this pair of young calves at six months was $600. This shows conclusively that there are progressive farmers in the country, that there are men who are willing to pay good money for a good thing. I regarded this pair of calves perhaps as good, individually and in breeding, as I have ever shipped from Star Farm. Mr. Cook is to be congratulated that he has two of the choicest Holstein females in this country today.

Among other recent transfers of registered Holsteins from Star Farm should be mentioned the sale of Sap Paul De Kol, 39057, to Mr. Emmet Westfall. The sale of another very choice bull, a son of Mercedes, was



MAUD DEKOL NETHERLAND. No. 47302

A. R. O. No. 3909 record 21.44 lbs butter and 513.7 lbs. milk in 7 days as a 6 year old. 4.6 per cent highest butter fat. Owned by W. W. Cheney, Manlius, N. Y. To be offered in the Hunt Sale April 18th and 19th, 1906.

Specific Infectious Diseases of Cattle.

Professor Veranus A. Moore M. D., of Cornell Veterinary College, Ithaca, N. Y., will answer all questions in this department.

made to Mr. A. J. Morse of Camden, who bought the bull Mercedes Salzell Prince, 39077. Mr. Morse also purchased the choicely bred heifer Beaverbrook Clothilde, 74712. One of the most important sales of heifer calves made during the year was to Mr. J. D. Hagan of Oswego county, N. Y. I sold to him for a long price the following named females from some of my best advanced registry cows. The list sold includes the following: Bell Korndyke Aaggie Grace, 76415; Korndyke Manor De Kol Cora, 76416; Korndyke Susie Pietertje Inka, 76413; Belle Korndyke Faustina Inka, 76410; Belle Korndyke Dora Dean Mondamin, 76411; Belle Korndyke Coral De Kol, 76414; Korndyke Inka Palawan, 79225. This was one of the most carefully and wisely selected orders which was placed with me during the year. While the price paid for these heifer calves was large, yet they will prove a most profitable investment to the buyer.

Sales of calves, male and female, last year were more than double those of the year before. The demand for registered Holsteins is certainly on the increase. This is not the result of a boom, but a steady growth, and the outlook for all breeders of the black and whites for the future is certainly most encouraging

HORACE L. BRONSON.

Cortland, N. Y.

Clipped from the Utica (N. Y.) Daily Press, March 10, 1906:

Mrs. Laura M. Meyer of Marcy has just bought from Brookside Herd (the Stevens Bros.-Hastings Company, Lacona and Liverpol, N. Y.) six pure Holstein heifers and a bull. Taking into account the breeding and individual excellence of the animals comprising it, the shipment which left Lacona for Rome Thursday is pronounced by the sellers one of the finest they ever made.

Mrs. Meyer is well known, having formerly been a teacher and later school commissioner in her home district. Subsequently she removed to California, and since her return to this State has devoted her attention to farming, and with characteristic enterprise has achieved more than the usual degree of success. Becoming convinced of the superiority of pure-bred cattle, and especially of Holsteins, she commenced a systematic study of this breed some months ago, intending to select her foundation stock from the families that are known and recognized as representing the greatest development in breeding and that have also attained the highest standard in production and individual merit. The result of her investigations is this purchase, which includes some of the best animals ever produced in Brookside Herd.

One of the greatest Holstein cows living at the present time is Jessie Veeman A., with an official record of 26 1-4 pounds of butter, 584.9 pounds of milk, in seven days—an average of over 83 pounds a day for the week. She is the only cow of the breed having six official record daughters, and the Stevens Bros.-Hastings Company say of her: "Jessie Veeman A. is a cow whose superior we probably never owned. In form and general make-up she is about absolutely perfect, and is not only one of the handsomest cows in the herd, but also one of the largest producers. Her daughters show a marked resemblance to the dam, all exhibiting the same type. Each one carries an udder perfect in shape. In 1903 Jessie Veeman A. won first prize and championship at New York State Fair, competition being strong. In 1905 her daugrter, Jessie Veeman C., was first prize cow at New York State Fair; and at the same fair four daughters of Jessie Veeman A., in pairs of two, won first and second prize as produce of cow. This, we believe, is an event heretofore unheard of in the history of any breed. No other family of Holsteins of which we know combines such large producing ability with so high an order of individual excellence as the Jessie Veeman A. family." This family has been held together in Brookside Herd, and was never offered for sale until very recently, when Jessie Veeman A. and her seven daughters were sold to Dr. Samuel Adams Robinson, Covesville, Va. Dr. Robinson is a man of national reputation on account of his professional standing and also through his prominent association with important public interests. During a long life he has never been connected with a project resulting in failure, and the fact that he is now undertaking preparations for pushing the Holsteins to the front in the South promises much for the future of the black and white breed in a field which has hitherto remained undeveloped. Mention is here made of the doctor's purchase of the Jessie Veeman family for his foundation stock as indicating the wisdom of Mrs. Meyer in selecting four granddaughters of Jessie Veeman A. when choosing her foundation animals. This quartette is remarkable for the fact that the two granddams of each are cows with official records of over 26 pounds of butter in seven days, and their dams also have large official records. Beryl Pauline, one of the older heifers secured by Mrs. Meyer, represents a combination of breeding that is really extraordinary, six of her nearest female ancestors (including her dam at two years old) have official seven-day butter records averaging 24.65 pounds each. To head the herd the yearling bull Pontiac Champion was selected. This animal is the son of Pontiac Columbo, whose production of 19.46 lbs. of butter in seven days has stood for over a year as the world's largest butter record for a heifer under two and a half years old. To give all the interesting facts that might be written concerning these animals would require a good sized volume, so further details will not be attempted here. It is sufficient to say that this purchase included as choice animals as could have been selected from among the 350 Holsteins comprising Brookside Herd. Mrs. Meyer was assisted in making her selections by her father, M. M. Mayhew, whose experience and skill in handling cattle will contribute materially to the success of the undertaking. It may be added that after his first inspection of Brookside Herd Mr. Mayhew visited several other leading herds in this and other States, including some of the great herds of the West, only to return and make his final selections from Brookside Herd.

HIGHLAWN FARM,

AUBURN, MASS.

Breeder of High-Class

Holstein-Friesian Cattle.

For catalogue and prices address, F. P KNOWLES, Auburn, Mass.

In writing advertisers mention the WORLD.

....Brookside Herd....

SPECIAL OFFER Bull calf born February 8, 1906. Sire, De Kol 2d's Butter Boy 3d, sire of more A. R. O. daughters than any bull of his age that ever lived; seven with records over 20 lbs. Dam, Mabel DeKol Pride, a very fine young cow, milking thirty quarts a day now, with ordinary care. This calf is large, straight and an extra nice individual. The first check for $50 takes him. Write quickly if you want a good one. I guarantee this calf to please or will take him back.

W. H. DAVIS, Washington Hollow, N. Y.

HOLSTEINS.

High Class Advanced Registry Stock only Best butter families. Stock for sale.

Woodside Farm, Princeton, Worcester Co. Mass.

JOHN B. MARCOU.

In writing advertisers mention the WORLD.

The Ithaca Democrat

COMMERCIAL BOOK AND JOB PRINTERS

122 South Tioga St. ITHACA, N. Y

LETTER HEADS, BILL HEADS, STATEMENTS, ENVELOPES, VISITING CARDS PROGRAMS, HERD CATALOGS A SPECIALTY.

In writing advertisers mention the WORLD.

Home Circle.

If You've Never Been Out of a Job

It is lonely deep, deep in the wilderness, where
No footprints of men may be found;
It is lonely far out where the dry desert air
Is barren forever of sound;
It is lonely for him who, a stranger, must hear
The pulse of the great city throb,
But you haven't discovered what loneliness is
If you've never been out of a job.

It is dismal where ruins of greatness remain,
Where owls rest in moss-covered walls;
It is dismal when clouds spread unbroken, and rain
Through long days incessantly falls;
It is dismal where greed has evicted for gain
And the wind stirs the thatch with a sob;
But you can't know how dismal the world may become
If you've never been out of a job.

There is cheerlessness down in the alleys where want
Is present year in and year out,
And cheerlessness broods o'er the valleys where gaunt,
Grim vultures go wheeling about;
There is woe in the darkness that lawless men haunt,
And woe marks the wake of the mob;
But the saddest of lessons is day after day
To go hunting in vain for a job.

—Unidentified.

Selections.

The opinion that the pagan religions were corruptions of the religion of the Old Testament, once supported by men of high authority and great learning, is now as completely surrendered as the attempts of explaining Greek and Latin as corruptions of Hebrew.—Max Muller.

The Assyrian inscriptions which have been recovered and given to the English-speaking people by Layard, George Smith, Sayce and others show that in the ancient religions of Chaldea and Babylonia there was elaborated a narrative of the creation which, in its most important features, must have been the source of that in our sacred books.—Andrew D. White.

Conscript of 1813.

A CONTINUED STORY.

Translated from the French by the editor of the H.-F. World.

The next morning, about 7 o'clock, I awoke. A trumpet was sounding the call at the corner of the street. All was excitement. One heard horses, carriages and people passing. My feet were still sore, but nothing in comparison to other days; when I had put on some clean stockings, I felt like a new man; I was solid on my legs, and I said to myself: "Joseph, if this continues you will become a trump; it is only the first step that is difficult."

I dressed in this happy frame of mind.

The wife of the baker had placed my shoes near the fireplace to dry, after having filled them with warm ashes to prevent them from hardening. They were well oiled and softened.

Finally I buckled on my knapsack, and descended without having time to thank the good people who had so kindly received me, intending to perform this duty after the call.

At the end of the street, upon the square, many of our Italians were already waiting and crowding about the fountain. Furst, Klipfel and Zebede arrived a moment later.

On all sides of the place one saw only cannons mounted upon their carriages. Horses were arriving at the watering-trough, led by Baden huzzars; some dragoons and soldiers of the train were among the number.

In front of us was a cavalry barracks as high as the church at Phalsburg, and on the three other sides of the square were old houses ornamented with sculpture ,as at Severne ,and formerly quite grand. I had never seen anything like it before, and as I looked about with my nose in the air our drums commenced to beat the call. Each took his place in the ranks. Captain Vidal arrived, the cloak upon his shoulders. Some vans set out from an arch in front, and one called out, at first in Italian, afterwards in French, that arms were to be distributed ,and that each must step out of the ranks at the call of his name.

The vans stopped at ten paces and the call commenced. Each in his turn stepped from the ranks and received a cartridge pouch, a sabre, a bayonet and a gun. These were put on over the blouse, the coat or cloak, as the case might be. We had the appearance, with our hats and caps and arms, like a veritable band of brigands. I received a gun so large and heavy that I could scarcely carry it; and as the cartridge pouch fell almost to my calves, Sergeant Pinto showed me how to shorten the straps. He was a good man.

All these belts which crossed my breast seemed to me something terrible, and I saw well then that our misery was not going to end for some time to come.

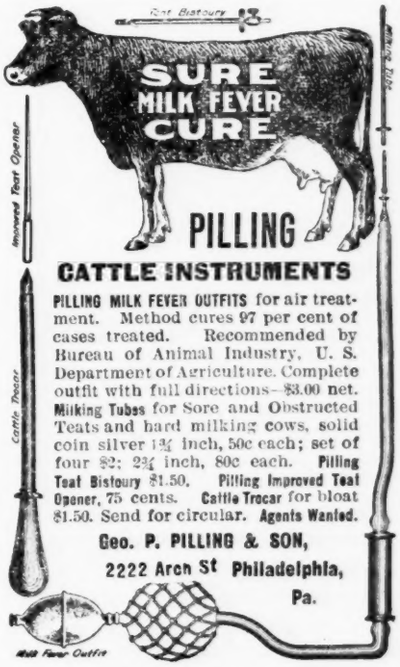
After the arms, a caison advanced, and fifty cartridges per man were dis-

GRAHAM NURSERY CO., ROCHESTER, N. Y.
Catalogue. Agents wanted. Standard Fruit Trees, Grapes, Small Fruits, Ornamental Trees, Bulbs, Hedgings. All stock guaranteed
J. B. PORTER, Supt. Cornell Div. Ithaca, N Y

WELL DRILLING Machines
Over 70 sizes and styles, for drilling either deep or shallow wells in any kind of soil or rock. Mounted on wheels or on sills. With engines or horse powers. Strong, simple and durable. Any mechanic can operate them easily. Send for catalog.
WILLIAMS BROS., Ithaca, N. Y.
In writing advertisers mention the WORLD.

DO YOU WANT
A 27-lb. ag d bull that is a good one, took first premium at Ohio State Fair, '05; or would you prefer his son, 11 months old, whose dam holds second place in the world's A. R. O. records under 25 months of age with 17½ lbs. in 7 days, av. fat 3.96, and 11 lbs. 8½ months after calving, av. fat 4.3, milking twice. She has given 10354.7 lbs. from March 1st, '05, to Jan. 1st, '06, and now giving 30 lbs. per day. A few cows for sale at a bargain. Write us your wants, anything in herd for sale.
F. G. JOHNSTON & CO.,
Sta. B, Columbus, O.
In writing advertisers mention the WORLD.

Woodcrest Farm Herd of Holstein-Friesians.
SIRES IN SERVICE.
Homestead Girl De Kol's Sarcastic Lad, No. 32558; dam Homestead Girl De Kol, A. R. O. record 26.29 lbs. butter in seven days, for milk averaging 3.94 per cent. fat.
Woodcrest Pietje (imported), No. 35469. The dam of this bull is the great imported cow Pietje 22d, No. 70884; seven-day record, 594.4 lbs. milk, 27.02 lbs. butter; 30-day record, 2,453.8 lbs. milk, 106.45 lbs. butter; 60-day record, 4,706.8 lbs. milk, 205.82 lbs. butter; 100-day record, 7,745.1 lbs. milk, 334.825 lbs. butter.
We have a few choice young A. R. O. cows for sale bred to above sires; also bull calves and young bulls ready for service from A. R. O. dams with records of twenty pounds and better.
A. S. CHASE, Manager,
Rifton, Ulster Co., N. Y.
In writing advertisers mention the WORLD.



CATTLE INSTRUMENTS
PILLING MILK FEVER OUTFITS for air treatment. Method cures 97 per cent of cases treated. Recommended by Bureau of Animal Industry, U. S. Department of Agriculture. Complete outfit with full directions—$3.00 net. Milking Tubes for Sore and Obstructed Teats and hard milking cows, solid coin silver 1¾ inch, 50c each; set of four $2; 2¾ inch, 80c each. Pilling Teat Bistoury $1.50. Pilling Improved Teat Opener, 75 cents. Cattle Trocar for bloat $1.50. Send for circular. Agents Wanted.
Geo. P. PILLING & SON,
2222 Arch St Philadelphia, Pa.

tributed, which boded nothing good. Then, instead of breaking ranks and sending us to our lodgings, as I supposed, Captain Vidal drew his sabre and commanded:

"By file to the right! forward, march!"

And the drums began to beat.

I was distressed at not having been able to at least thank my hosts for the kindness that they had shown to me; I said to myself: "They will take you for an ingrate!" But this did not prevent me from following the file.

We went by a long tortuous street, and suddenly perceived a field of ice. It was the Rhine, covered with ice to the loss of sight. On the other side rose some very high mountains, and upon the mountains were old gray castles and ruins like those of Haut-Bar and Geroldseck, in the Vosges.

The battalion descended to the Rhine, which we crossed. It was something magnificent and dazzling. We were not alone upon the river; before us at five or six hundred paces was a convoy of powder, conducted by soldiers of the train, on the route to Frankfort. The ice was not slippery, but covered by a species of rough frost.

Arriving upon the other bank, we took a route that wound, now to the right, now to the left, following the folds of the mountain, and continued our march for five hours.

To be continued.

Registered Holsteins Wanted. Yearling heifers. Cows due to freshen soon. Heifer calves must be registered and price reasonable for cash. Write **P. O. Box 866, Cortland, N. Y.**

Modern Silage Methods

That is the title of our new 216 page book. It tells everything anybody could possibly want to know about the silage subject. You can't think of a question that it does not fully answer. How to build, from foundation up, all kinds of silos. All about the crops and how to cut and fill. How to feed, with the most complete feeding tables ever published. About 40 illustrations help to make things plain. Used as a text book in many Agricultural Colleges. We have always sold the book for 10 cents, but for a limited time, to any reader who will ask for it, and name this paper, we will send a copy free. Write at once.

SILVER MFG. CO., Salem, Ohio.

In writing advertisers mention the WORLD.

Editor Holstein World:

As I have been a subscriber to your paper for a year past, must say that it has grown to be a very valued publication at Maple Lawn, and one that I feel I could not do without.

LAWRENCE L. GROW,
Fort Jackson, N. Y.

Ambassador Vale No. 40445

calved December 20, 1905, a fine individual and a little more black than white.

Dam-Lorine No. 39244.

with a record of 23 57 lbs. butter and 608.3 lbs. milk in 7 days and 15360 lbs. milk in one year. Lorine is also a sister of PLEASANT VALLEY KATE with a record of 24.31 lbs butter, Nether land Maud Mooie, with a record of 23.61 lbs. butter and severa other advanced registry sisters. She is one of the best cows in my herd.

Sire-Sadie Vale Concordia's Paul De Kol 27392

a son of the celebrated cow, Sadie Vale Concordia, with a record of 30.64 lbs. butter in 7 days, and 694.3 lbs. milk, the second best world's butter record. The average of this calf's dam and his sire's dam is 27.10 lbs. butter in 7 days. This calf will be included in my offering at the Hunt sale April 18th and 10th, 1906.

W. W. Cheney, Manlius, N. Y.

EVERY DAIRYMAN NEEDS THE

PILLING TUBERCULIN TEST

The greatest scourge of the dairy herd is tuberculosis; one affected cow will surely contaminate the whole herd.

Are your cows affected? Sure and easy detection by the Pilling Tuberculin Test.

Ready to use. You can do it. Absolutely no danger using the Pilling test: does not interfere with flow of milk or health of cow. Price with full directions, complete outfit with serum for 10 cows, $5.00 and $1.25 for each additional 10 cows. No experience necessary. **Pamphlet free.**

GEO. P. PILLING & SON, 2222 Arch St Philadelphia, Pa.

Transfers.

For the Week Ending Feb. 17.

Continued from Last Issue.

De Kol Hendrik Julia, De Kol Princess Beauty, De Kol Princess Flora; from Wm. Everson to Jefferson Co. Asylum, Jefferson.

Dolly Wa Wa, Neeltje Dolly De Kol, Princess Salo Dale, Rue Wa Wa 2d, Rue Wa Wa 3d; from W. J. Keyes to H. J. Goelzer, Plymouth.

Aaltje Salo Colantha, E. T. Carroll to C. E. Ward, Palmyra.

Beauty De Kol Fannie, G. L. Burleson to John Langholff, Ft. Atkinson.

Pet Douglas 4th, E. T. Carroll to Aug. Seefeldt, Hochheim.

De Kol Tirania De Kol, Wm. Everson to F. C. Groenig, Reeseville.

Dolly Wa Wa De Kol, W. J. Keyes to D. Vanderhoof, Waldo.

Emma Dear, L. C. Morse to Geo. Wolf, Bangor.

Hendrika De Kol Bettina 2d, M. Nelson to Ed Meller, Peshtigo.

Laura Night, Wm. Everson to C. O. Ruste, Blue Mounds.

Letta Colanthus, Jos. Rutherford to Frank B. Fargo, Lake Mills.

Lucy De Kol Echo, G. L. Burleson to John Langholff, Ft. Atkinson.

Mary Ann Netherland De Kol, Ezra Blumer to Anton Erickson, Argyle.

Mercedes De Kol Siam, Wm. Everson to Emil Sieble, Watertown.

Miss Aaggie De Kol 2d, Ezra Blumer to Anton Erickson, Argyle.

Mulala, L. C. Morse to Geo. Wolf, Bangor.

Nig Alcartra Maid, E. E. Randall to Luedke Brothers, Hustisford.

Princess Salo Dale 2d, W. J. Keyes to J. P. Goelzer, Plymouth.

Princess Yeslet, W. J. Keyes to E. E. Eastman, Plymouth.

Rue Wa Wa, W. J. Keyes to F. B. Hesler, Glenbeulah.

Sissy De Kol Pietertje, Wm. Everson to F. C. Groening, Reeseville.

Snowball Dieuwertje De Kol, Wm. Everson to Emile Sieble, Watertown.

BULLS.

CALIFORNIA.

Irene Clothilde Hengerveld Burke, Chas. D. Pierce to Dr. E. Swanson, Portersville.

ILLINOIS.

Sir Hello Pearl of the Dairy, E. E. Randall to T. P. Flanders, Big Rock.

Sir Pearl Watson, E. E. Randall to J. S. Dauberman, Big Rock.

Sir Marcella De Kol Netherland, A. J. Daugherity to F. H. Washburn, La Fox.

Wild Rose Homestead De Kol, Henry Luttman to R. A. French, Hampshire.

MAINE.

Duke of Lakeside, C. E. Tripp to M. B. McKusick, Parkman.

Koningin of Carrabassett, W. P. Libby to Asa Holt, Waterville.

Paul Piebe Concordia, C. H. Brett to G. H. Rankin, East Hiram.

MARYLAND.

Vero De Kol Mechthilde, Walter C. Platt to Wm. H. Bay, McDonough.

MASSACHUSETTS.

Boon Duke, Wm. H. King to E. J. Bates, Dudley.

Jacob De Kol Pietertje, Fred F. Field to Arthur N. Keyes, Hopkinton.

Lucelia 3d's Manor De Kol, W. C. Mason to J. H. Howard, Colerain.

Rex Barrington Mechthilde, Est. of Chas. P. Whitin to H. W. Lincoln, Oakham.

MEXICO.

Johanna Reka Piebe Burke, A. A. Cortelyou to Juan B. Lopez, Coatepec, Vera Cruz.

Sir Johanna Aaggie Wayne, A. A. Cortelyou to Juan B. Lopez, Coatepec, Vera Cruz.

MICHIGAN.

Aaggie King De Kol, R. C. Reed to Dewey C. Pierson, Hadley.

Houwtje Jane Texal Lad, Geo. E. Lapham to L. O. Lonsby, Vernon.

Prince Rheka Mercedes Pietertje, John W. Worthington to Dean Myers, Clarks Lake.

Pleasant Valley Stock Farm.

Fifth Annual Sale

SYRACUSE, N. Y. APRIL 18-19, 1906

125 Registered Holstein-Friesian Cattle 125

THE BEST IN THE WORLD!

Representing

SADIE VALE CONCORDIA, The Champion of the World.

DEKOL 2nd, The Foundation of the DeKol Family.

The Great JOHANNA'S SARCASTIC LAD, PAUL DEKOL, GERBEN, PIETERTJE HENGERVELDS COUNT DEKOL.

The Great DEKOL BURKE, COLANTHA, MECHTHILDE and TIRANIA.

Without doubt this is the BEST BRED lot of tock ever offered to the public.

Their INDIVIDUALITY is just as good as their breeding.

Several A. R. O. Tested.

My Fourth Annual Sale was the BANNER SALE of the year. The Cattle to be offered in my FIFTH outclass anything I have ever offered.

90 Young Cows fresh and springing.

25 Choice Young Heifers.

10 Extra Well Bred Young Bulls.

My Service Bulls:

SADIE VALE CONCORDIA'S PAUL DEKOL A son of the Champion Cow of the World.

SIR JOHANNA DEKOL 10th, one of the Greatest Representatives of 20 pound records there is of the Breed.

CÆSAR UILKJE, Imported; whose Dam gave 97¼ pounds Milk in one day, 25.3 pounds butter in 7 days, 99.2 pounds Butter in 30 days A. R. O. and 15,000 pounds Milk in 9 months.

The Averrge A. R. O. records for these 3 bulls is over 26 pounds Butter in 7 days, 108 pounds in 30 days. The average Milk for one day is 95 pounds.

My Motto--"To please you better always--in all ways."

C. F. HUNT,

MANLIUS, - - N. Y.

Official Records of Holstein-Friesian Cows.

90 Cows. From Feb. 17 to Feb. 28, 1906.

NAME OF COW AND OWNER.	Age. y. m. d.	Days from Calving.	Consecutive Days.	Milk. lbs.	Average per cent. fat.	Butter fat. lbs.
A & G Inka McKinley 55163, H. A. Moyer	5 3 14	28	7	588.6	3.66	21.520
		10	30	2,408.7	3.72	89.633
Madrigal of Belmont 61975, John B. Irwin	7 0 23	49	7	550.2	3.55	19.528
		30	30	2,376.7	3.41	80.938
Katy DeKol 47674, H. A. Moyer	7 2 29	21	7	493.6	3.83	18.920
Elzevere Barnum Mechthilde 69763, A. A. Cortelyou	7 11 5	—	7	477.5	2.81	13.423
7-day record of 18.578 lbs. fat from 560.1 lbs. milk prev. rep.						
		67	30	2,266.5	3.05	69.170
Hartog Netherland Inka Pietertje 44781, W. A. Matteson	8 3 24	22	7	566.5	3.25	18.424
Jessie Albino DeKol 49457, Gardner & Misner	7 4 28	13	7	457.7	4.01	18.355
		12	14	929.3	3.83	35.625
Bertina Netherland DeKol 56880, F. J. Bristol	5 2 12	11	7	442.2	4.06	17.967
		10	30	1,954.9	3.75	73.256
Nanuet Pietertje Mechthilde 51424, E. H. Dollar	6 0 20	12	7	506.4	3.46	17.541
Rose of North Hammond 4th 51421, E. H. Dollar	6 10 14	10	7	490.9	3.57	17.522
Blanche Douglass 46989, F. J. Bristol	8 11 22	26	7	511.1	3.37	17.227
Dolceola DeKol 80303, E. C. Brill	5 4 29	44	7	327.3	5.23	17.126
Ophelia Sanesta 54626, Wing R. Smith	5 8 26	19	7	564.8	2.98	16.855
Pontiac Order 53435, Stevens Bros.-Hastings Co.	5 6 16	23	7	549.1	3.06	16.826
		15	30	2,285.4	2.97	67.884
Abbie Douglass DeKol 56877, F. J. Brisrol	5 3 27	14	7	448.0	3.66	16.377
Norine 2d's Mechthilde 60901, A. A. Cortelyou	6 3 17	10	7	450.4	3.63	16.358
		9	30	2,136.1	3.15	67.372
Dora Clothilde DeKol 54948, Gardner & Misner	5 6 22	35	7	424.1	3.57	15.139
		33	14	850.2	3.52	29.956
Yongi 42234, E. H. Dollar	9 4 1	16	7	504.5	2.99	15.068
Beauty Jewel Virgo 53220, John B. Irwin	6 0 11	19	7	381.1	3.92	15.040
Duad 2d 59149, J. R. Hathway	9 3 17	20	7	488.4	3.01	14.707
Boutsje Pietertje Belle Paul 57079, George Rice	5 2 13	6	7	352.8	4.04	14.246
Daisy Ykema Pauline DeKol 57219, A. A. Cortelyou	5 2 0	39	7	401.4	3.37	13.541
		38	21	1,153.2	3.30	38.081
Deloree DeKol 79445, E. C. Brill	5 3 24	97	7	308.1	4.23	13.181
Carrie Lucelia DeKol 54074, H. M. Bottum	5 8 12	45	7	396.9	3.30	13.098
Clara Withoorn DeKol 54071, H. M. Bottum	5 9 17	31	7	410.0	3.18	13.037
Johanna Moneta DeKol 50067, John B. Irwin	6 11 5	39	7	343.9	3.62	12.436
Waverly 2d's Pauline 43088, Geo. F. Carter	8 1 23	43	7	373.4	3.29	12.273
Edith Ptescott Aaggie DeKol 59116, H. A. Moyer	4 9 10	12	7	571.3	3.43	19.600
Allie Nig 59170, J. W. Dimick	4 9 17	10	7	455.7	4.08	18.600
Gracia Ward 2d 58645, Stevens Bros.-Hastings Co.	4 9 23	14	7	509.7	3.40	17.327
Buckeye Maid 5th 58434, Wing R. Smith	4 9 22	16	7	545.2	3.04	16.656
Lieuwkje Wayne DeKol 58315, Gardner & Misner	4 11 22	25	7	450.6	3.37	15.163
Pauline Lieuwkje DeKol 58316, Gardner & Misner	4 11 23	11	7	442.6	3.23	14.305
Jolie Johanna Clothilde DeKol 72194, Stevens Bros.-H. Co.	4 8 10	21	7	361.6	3.67	13.262
		13	30	1,557.9	3.55	55.266
Amanartis DeKol 2d 57995, J. B. Marcou	4 10 24	18	7	373.9	3.38	12.637
Lady Princess Hamilton 56023, J. A. Stanton	4 10 29	6	7	348.8	3.59	12.522
Fay Hengerveld DeKol 60552, H. A. Moyer	4 4 13	12	7	410.5	4.11	16.865
Pontiac Grilla 56977, J. B. Marcou	4 5 3	17	7	445.9	3.69	16.464
Ruby Pietertje Netherland DeKol 68191, J. A. Stanton	4 1 5	26	7	523.8	3.01	15.768
Susle Homestead DeKol 59580, A. A. Cortelyou	4 1 22	14	7	430.6	3.58	15.414
		30	13	1,836.5	3.24	59.646
Tromp Princess 60274, G. M. Carpenter	4 5 2	26	7	379.3	3.60	13.649
Lady Pauline Pietertje Wayne 2d 60228, E. H. Dollar	4 2 15	34	7	421.6	3.02	12.718
Mechthilde Hengerveld DeKol 60635, F. R. Hazard	4 2 1	254	7	381.6	3.33	12.693
Pansy Ykema Pauline DeKol 58355, A. A. Cortelyou	4 0 25	18	7	383.9	3.26	12.505
		18	30	1,620.3	3.16	51.128
Pontiac Inka 61113, Stevens Bros.-Hastings Co.	3 6 16	17	7	427.1	3.39	14.497
Belle Model Johanna 59986, A. A. Cortelyou	3 10 29	14	7	392.1	3.62	14.195
		14	30	1,711.1	3.42	58.483
Lady Meta Vernon 59583, J. W. Dimick	3 10 27	10	7	431.4	3.20	13.783
Aaggie Sindt Mechthilde 60707, J. A. Stanton	3 10 7	41	7	421.6	3.12	13.148
Fantasy Carlotta 2d 61057, Stevens Bros.-Hastings Co.	3 9 7	9	7	390.2	3.20	12.494
Lady Royal Paul DeKol Wayne 62558, J. A. Stanton	3 8 22	91	7	423.6	2.81	11.913
Blanche Lyons Hengerveld 65285, Wing R. Smith	3 1 9	38	7	574.3	3.31	19.008
		19	30	2,386.1	3.28	78.159
Pontiac Artis 61114, Stevens Bros.-Hastings Co.	3 4 20	26	7	464.2	3.74	17.340
		20	30	1,882.0	3.80	71.464
Calamity Pietertje DeKol 61633, J. W. Dimick	3 4 2	13	7	446.2	3.76	16.763
Johanna Queen Mechthilde 67290, A. A. Cortelyou	3 1 24	13	7	423.1	3.67	15.522
		13	30	1,706.9	3.36	57.397
Alsama Beauty 2d 66492, J. B. Marcou	3 2 14	18	7	413.9	3.24	13.410
Lady Signet DeKol 72634, A. A. Cortelyou	3 4 7	9	7	360.2	3.37	12.121
Dijkstra Amleto 5th 64711, G. M. Carpenter	3 0 25	42	7	336.0	2.91	9.767
A & G Burke Segis Inka 65480, H. A. Moyer	2 9 21	7	7	459.1	3.50	16.052
Abbie Douglass DeKol 65690, F. J. Bristol	2 11 17	65	7	391.3	3.71	14.517
		65	30	1,608.9	3.61	58.583
Emporia Korndyke DeKol 64511, J. W. Dimick	2 10 16	23	7	399.0	3.30	13.157
Althea Arcturus 3d 74220, Charles D. Pierce	2 7 5	10	7	297.4	4.30	12.789
Salina Mercedes Starlight DeKol 80161, John W. Worthington	2 7 1	33	7	329.7	3.03	10.006
Mabel Stienstra Pauline DeKol 63834, A. A. Cortelyou	2 11 1	38	7	306.4	3.04	9.329

Herlinda Fanny York DeKol 77335, John Worthington	2 9 0	14	7	267.7	3.67	9.824
Amarilla Pietertje Empress 79107, Stevens Bros.-Hastings Co.	2 6 25	28	7	318.5	2.80	8.906
Lilith Ingalls 74369, H. A. Moyer	1 10 11	12	7	333.5	4.05	13.513
Pontiac Metis 69707, Stevens Bros.-Hastings Co.	2 1 15	41	7	392.0	3.35	13.115
		20	30	1,626.0	3.31	53.875
Johanna Bonheur 2d 71015, F. J. Bristol	1 11 25	40	30	1,498.5	2.99	43.745
7-day record of 12-346 lbs. fat from 341.3 lbs. milk prev. rep.						
Riverside Beauty 70506, Chas. D. Pierce	2 2 23	7	7	334.6	3.57	11.960
Minnie Johanna DeKol 69693, A. A. Cortelyou	2 1 15	9	7	323.5	3.65	11.820
Colantha 4th's Sarcastic 71014, F. J. Bristol	1 11 14	44	7	392.7	2.89	11.346
		41	30	1,578.0	2.83	44.658
Roxie Maplecroft Terpstra 73220, H. A. Moyer	1 11 17	14	7	292.2	3.85	11.264
Pontiac Hesione 65774, E. H. Dollar	2 4 6	126	7	347.3	3.23	11.216
Oneira Lass 69694, A. A. Cortelyou	2 0 25	17	7	310.8	3.53	11.000
		16	14	672.3	3.24	21.842
Pontiac Queen Korndyke 69713, E. H. Dollar	1 10 28	74	7	279.5	3.93	10.991
Johanna Signet 9689, A. A. Cortelyou	1 11 28	43	7	321.9	3.36	10.800
		34	30	1,362.4	3.33	45.001
Woodside Tulleta668901, J. B. Marcou	2 3 21	13	7	301.1	3.58	10.775
Inka Plum DeKol 70266, J. W. Dimick	1 10 28	22	7	314.0	3.39	10.635
Pauline Ida DeKol 73681, A. A. Cortelyou	1 9 1	9	7	322.7	3.29	10.616
Gertrude Pauline 69475, Henry Stevens & Son	1 11 3	30	7	323.5	3.17	10.250
Daisy Hartog DeKol 80476, W. A. Waite & Son	1 11 26	25	7	322.2	3.12	10.076
		16	7	1,350.9	3.12	42.157
Nora Roschild DeKol 2d 72199, Stevens Bros.-Hastings Co.	2 5 24	43	7	291.5	3.28	9.572
Fairview Marie DeKol 67794, John B. Irwin	2 0 21	11	7	263.8	3.61	9.535
Chloe Mechthilde 4th 71242, J. B. Irwin	2 4 7	8	7	280.1	3.37	9.453
Creamella Pauline DeKol 71019 J. B. Marcou	1 10 3	19	7	335.5	2.77	9.292
		10	16	752.2	2.63	19.780
Aaggie Grace Butter Boy 70999, J. B. Marcou	2 0 27	15	7	269.3	3.39	9.127
Terpstra 9th 72548, Chas. D. Pierce	1 9 25	14	7	279.3	3.12	8.705
Mutual Friend Korndyke 73168, N. B. Scott	1 11 27	16	7	257.5	3.37	8.667
Saake Johanna 67382, A. A. Cortelyou	2 1 17	50	7	244.9	3.47	8.495
Belle Lady DeKol 78669, John W. Worthington	1 7 9	81	7	290.0	2.89	8.382
Chloe Mechthilde 3d's Canary 73515, John B. Irwin	2 5 15	15	7	209.1	3.79	7.932
Official Records of 90 cows from March 1st to March 5th.						
Tryntje C DeKol 54252, J. W. Dimick	5 3 9	15	7	468.8	3.86	18.108
Bryonia Woodland 56879, F. J. Bristol	5 3 22	11	7	430.3	4.07	17.527
Pietertje Echo DeKol 46977, M. S. Campbell	8 2 11	28	7	500.4	3.45	17.292
Topsy Hengerveld DeKol 54155, Fred F. Field	6 0 14	22	7	569.6	2.96	16.902
Irene DeKol Hilda 63765, I. S. Allen	5 1 19	8	7	393.2	4.25	16.713
Kate B Pietertje 49312, Stevens Bros.-Hastings Co.	7 3 16	20	7	502.6	3.32	16.674
Ruby Queen DeKol 44765, F. H. Thomson & Son	9 1 18	27	7	468.2	3.45	16.133
Frontier Jessie Veeman 52858, Stevens Bros.-Hastings Co.	5 6 11	8	7	447.2	3.47	15.511
		6	21	1,348.1	3.29	44.354
Milly Pauline DeKol 52305, H. V. Noyes	6 2 16	7	7	431.1	3.54	15.302
Alice Cornwall Colantha 73754, B. W. Botter & Son	6 2 4	12	7	416.3	3.65	15.191
Clara Beauty 2d 54598, F. W. Allis	6 0 3	24	7	491.0	3.02	14.846
		30	7	1,988.7	2.95	58.572
Ursena 3rd's Pauline 43627, Davis Bros.	8 11 6	8	7	413.8	3.56	14.727
Idyl DeKol A Pauline 55685, Fred Dixon	5 7 2	15	7	467.6	3.13	14.635
Gerster Ida Monk 2d 54634, Wing R. Smith	5 10 2	22	7	418.2	3.46	14.468
Floy Barber 54118, E. S. I. Meredith	6 0 19	20	7	488.7	2.96	14.461
Lady Zubrod 56391, B. W. Potter & Son	5 0 9	34	7	422.8	3.40	14.362
Babe Phoebe 40250, H. L. Bronson	9 10 0	9	7	359.5	3.90	14.223
Aaggie Wayne Carl Henry Pride 50683, Fred Dixon	6 5 25	23	7	455.0	3.11	14.136
Refina DeKol 66317, N. F. Sholes	6 5 7	13	7	408.5	3.46	14.121
Lottie Deemster 70593, B. W. Potter & Son	5 11 12	23	7	368.6	3.76	13.864
Jennie Snowflake 42918, Eastern Mich. Asylum	8 4 1	17	7	358.8	3.86	13.803
Clara Barton of Sennett 57682, A. L. Brockway	5 2 17	19	7	415.5	3.26	13.565
Teresa Pietertje Mechthilde 53654, C. W. Loomis	6 11 7	22	7	481.7	2.81	13.557
Blackness 3d 51422, E. H. Dollar	5 10 25	14	7	410.4	3.30	13.543
Maud of Kent 4th 65916, P. D. Ede	7 3 28	89	7	349.3	3.82	13.341
Aaggie DeKol Wayne 3d 56542, H. L. Bronson	5 2 0	16	7	353.4	3.78	13.256
Mary Pledge Clothilde O 54219, H. V. Noyes	5 10 24	20	7	387.8	3.41	13.238
Grace Manor DeKol 52875, B. W. Potter & Son	5 7 4	31	7	385.7	3.41	13.165
Alice DeVries DeKol 54604, F. W. Allis	5 10 1	29	7	373.8	3.49	13.029
		17	30	1,568.6	3.34	52.349
		6	41	2,082.0	3.38	70.333
Princess Pietertje 2d 49124, W. A. Carr	7 0 14	24	7	399.5	3.21	12.827
Ella Pauline 43401, John McLennan	8 10 7	13	7	467.1	2.72	12.695
Ruth of Sennett 57680, A. L. Brockway	7 4 22	32	7	377.6	3.31	12.493
Princess Effelda 2d 50719, H. V. Noyes	7 0 21	10	7	368.4	3.34	12.331
DeKol Perfection J 50897, Fred Dixon	6 1 19	20	7	375.6	3.25	12.206
Lady Ykema DeKol 59736, Eastern Mich. Asylum	5 11 29	99	7	329.9	3.69	12.181
Piquo Lady 26089, Eastern Michigan Asylum	14 7 19	63	7	333.0	3.65	12.176
Aaggie Clothilde of Sennett 56245, A. L. Brockway	5 6 0	23	7	348.0	3.49	12.134
Pauline Paul Georgie 2d 56544 John B. Marcou	4 9 1	12	7	409.9	3.49	14.318
		10	14	806.9	3.46	27.913
Melanie 2d's Queen 56859, Stevens Bros.-Hastings Co.	4 9 12	14	7	423.9	2.92	12.352
Princess Netherland DeKol 59602, F. W. Allis	4 10 29	25	7	416.2	2.93	12.180
		13	30	1,758.9	2.78	48.976
		6	37	2,114.8	2.81	59.441
Elzevere Barnum 74412, J. Fred Smith	4 9 9	35	7	382.0	3.02	11.571
Pontiac Ykema 60620, Eastern Mich. Asylum	4 1 15	10	7	408.9	4.12	16.857
Orona Abbekerk DeKol 73919, B. W. Potter & Son	4 3 22	13	7	391.2	3.80	14.847
Inka DeKol Hartog 3d 62277, H. L. Bronson	4 0 20	8	7	391.6	3.24	12.697
DeKol Hat Barnum Mechthilde 73885, J. Fred Smith	4 2 14	113	7	393.8	3.10	12.217
Mollie Queen DeKol 62501, F. H. Thompson & Son	4 0 27	14	7	361.5	3.35	12.053
Alice Pietertje DeKol 60919, H. B. Lauber	3 11 21	19	7	442.2	3.80	16.829
DeKol Paul Concordia 64765, M. S. Nye	3 8 14	10	7	552.0	2.91	16.043

Basle Groton 6th 61165, John B. Irwin	3 11 19	32	7	393.3	4.07	16.006
		12	30	1,667.3	3.83	63.803
		12	35	1,901.3	3.79	72.019
DeKol Netherland Parthenea 66401, N. F. Sholes	3 11 28	31	7	430.9	3.53	15.201
Ophelia DeKol 2d 63284, Wing R. Smith	3 10 5	16	7	408.3	3.70	15.101
Verbelle DeKol Hengerveld 63285, Wing R. Smith	3 9 27	31	7	432.8	3.43	14.844
Aaggie Wayne DeKol Clothilde 64356, L. W. Gay	3 7 28	34	7	352.4	3.45	12.182
Mable Hengerveld DeKol 62828, Fred Dixon	3 11 15	33	7	284.0	3.72	10.577
Pontiac Trijntje 65768, Eastern Mich. Asylum	3 2 16	17	7	392.3	3.92	15.377
Plush Pontiac 2d 64617, Northern Mich. Asylum	3 2 12	74	7	384.6	3.76	14.462
Silver Gloss 6th's Maid 64149, S. C. Brown	3 0 19	31	7	460.2	3.07	14.111
Phoebe Veeman 3d 68054, H. H. Wickwire	2 6 5	45	7	373.2	3.25	12.163
Daisy Inka DeKol Vale 68445, M. S. Nye	2 10 28	17	7	384.2	3.07	11.782
Miss McGinty 3d A 64330, Stevens Bros.-Hastings Co.	2 10 26	28	7	354.7	3.26	11.578
Pauline America Butter Queen 68183, Davis Bros.	2 11 27	22	7	340.3	3.38	11.487
Agatha Lee America 70035, Davis Bros.	2 8 23	16	7	336.4	3.17	10.674
Lucille Pietertje DeKol 64935, A. G. Ingalls	2 11 10	21	7	285.0	3.75	10.674
Pietertje DeHaan 3d 66099, Stevens Bros.-Hastings Co.	2 11 22	11	7	311.7	3.19	9.953
Malinda Boon DeKol 68284, F. H. Thomson & Son	2 9 11	12	7	292.9	2.94	8.617
Netherland Pauline DeKol Lilith 68268, N. F. Sholes	2 3 5	21	7	333.5	4.13	13.760
Flanders Mercedes Korndyke DeKol 73203, F. J. Bristol	1 11 7	8	7	304.6	4.23	12.906
		6	30	1,429.3	3.77	53.815
Johanna Pebe Longfield 71914, M. S. Campbell	2 4 20	13	7	353.4	3.43	12.155
Ondo Pauline Sadie Vale 71785, M. S. Nye	2 3 26	14	7	321.0	3.36	10.800
Clothilde Ciopia DeKol 72797, H. V. Noyes	2 0 22	28	7	318.1	3.31	10.537
Pauline America DeKol 71476, H. L. Bronson	2 1 26	28	7	305.5	3.42	10.459
Golden Jewel DeKol 76727, Stevens Bros.-Hastings Co.	2 3 17	23	7	271.9	3.78	10.266
Jessie Veeman C 2d 72443, Stevens Bros.-Hastings Co.	2 0 7	39	7	289.5	3.38	9.778
		20	30	1,201.8	3.22	38.717
Bonanza Monk Johanna 71470, H. L. Bronson	2 3 28	19	7	278.0	3.45	9.598
Midland Korndyke DeKol 68042, Stevens Bros.-Hastings Co.	2 3 28	18	7	256.7	3.64	9.353
Tulip Pietertje Koningen 73672, M. S. Nye	2 1 26	8	7	283.4	3.27	9.255
Madge DeKol Burke 72431, H. L. Bronson	2 2 21	31	7	302.5	3.03	9.194
Dairy Maid Beryl 73124, Stevens Bros.-Hastings Co.	2 0 9	8	7	300.4	3.45	9.147
Bessie Clothilde Johanna 66185, F. W. Allis	2 4 6	37	7	278.4	3.16	8.793
		14	30	1,145.1	2.99	34.255
		10	34	1,276.8	3.02	38.545
Bessie Midget Paul Concordia 74778, M. S. Nye	1 9 13	8	7	294.4	2.94	8.666
Fedora DeKol Aaggie Cornucopia 68420, L. W. Gay	2 4 14	7	7	228.2	3.70	8.658
Colantha DeKol Jewel 2d 76753 S. C. Stanchfield	2 3 26	34	7	302.3	2.83	8.571
Kaan Marie Piebe Longfield 81942, M. S. Campbell	2 2 29	47	7	240.4	3.56	8.561
Phoebe Veeman Beauty 72263, H. H. Wickwire	2 0 25	28	7	261.4	3.06	8.011
		24	14	517.5	2.95	15.307
Elzevere Barnum Meehthilde DeKol 74414, J. Fred Smith	1 11 26	16	7	225.9	3.50	7.922
Artis DeKol Johanna 68535, F. W. Allis	1 11 22	9	7	229.4	3.30	7.562
Records begun at least eight months after calving.						
Mechthilde Hengerveld DeKol 60635, F. R. Hazard Prior record, 12.693 lbs. fat from 381.6 lbs. milk.	4 2 1	246	7	352.6	3.32	11.714
Netherland Anna 2d 63331, Max Miller Prior Record, 11.373 lbs. fat from 366.1 lbs. milk.	3 0 9	267	7	265.3	3.28	8.711
Tioga Delia 75143, A. L. Brockway Prior record, 9.986 lbs. fat from 259.1 lbs. milk.	2 6 28	280	7	236.0	3.39	8.010
Iosco Pride 3d 65467, W. A. Matteson Prior record, 13.782 lbs. fat from 324 lbs. milk,	2 5 2	277	7	199.9	4.01	7.648

DELAVAN, WIS., March 20, 1906. MALCOLM H. GARDNER, Supt. of Advanced Registry.

Reed Gretchen Beryl De Kol, R. C. Reed to F. E. Backus & H. Bucknell, Howell.

Sir Meteor Pauline De Kol, C. A. Snow to Hiram Carney, Dendee.

Sir Musser Clyde De Kol, C. A. Snow to N. V. Goodnoe, Lansing.

MINNESOTA.

Sidonie Sir Jewel 2d, Emily J. Larkin to Frank Winegar, New Richland.

Sir Mooie Alcartra, Joel P. Heatwole and W. F. Schilling to H. A. Moss, Nerstrand.

NEBRASKA.

Artis Parthenea Sir Goldene, Henry C. Glissmann, Jr., to A. D. Bangs, Broken Bow.

Republican, Benj. G. Cary to Henry C. Glissmann, Jr., Omaha.

NEW HAMPSHIRE.

Duchess Clothilde's Lad 17th, F. L. Houghton to E. L. Welcome, W. Chesterfield.

Souhegan Boy, A. C. Hawkins to C. E. Kendall, Milford.

NEW JERSEY.

Johanna Piebe Oak Burke, A. A. Cortelyou to A. A. Clark, Somerville.

Paul Aaggie De Kol Duke, Sylvanus Apgar to Walter Martin, Mt. Pleasant.

NEW YORK.

Aaggie Jewel De Kol Netherland, B. W. Bull to Wm. Wigham, Montgomery.

A & G Almeda De Jong, N. Y. Agricultural Exper. Station to W. P. Garnsey, Rexford Flats.

Admiral Walker Pietertje, A. A. Hartshorn to H. A. Moyer, Syracuse.

Boon Burke, H. R. Sexton to W. H. Sexton, Smyrna, N. Y

Brookside Ormsby King, Stevens Bros.-Hastings Co. to G. Maurice Greene, Marathon.

Clara De Kol Prince, F. C. Overton to Geo. Wyman, Rodman.

Dan De Kol Hengerveld Burke, James Leadingham to F. A. Smith, Bigelow.

De Dikkert Harry De Kol 2d, A. E. Helmer to Stevens Bros.-Hastings Co. to State Industrial School, Rochester.

De Kol Hengerveld Burke 2d, Stevens Bros.-Hastings Co. to Richard D. Reynolds, Lacona.

De Kol Netherland Wayne, A. C. Chase to C. J. & Louisa F. Fisher, Minoa.

Elgin Prince of Wayne, G. H. Greaves to J. Smith, Newark Valley.

Fly Brook Sarcastic Lad, C. A. Talbot to O. D. Rose, W. Winfield.

Inka Prize Winer Paul, F. C. Overton to Porter & McCumber, Adams.

Heilo Butter Boy Burke, C. A. Snow to J. C. Latimer, Tioga Ctr.

Jacoba Hartog Sarcastic Lad, Irwin Langworthy to H. Langworthy, Hamilton.

Jerry De Kol Gerben, Elmer Traver to E. E. Crane, Sanford.

Kiatta Pietertje Count, O. J. Godfrey to C. M. Wodworth, Pope Mills.

King Segis, Stevens Bros.-Hastings Co. to H. A. Moyer, Syracuse.

Lakeside De Kol, Powell Bros. to E. A. Powell, Syracuse.

Naiad Lilith Pauline De Kol, Geo. H. Ensign to H. J. Allard, Sheds.

Nell Pauline Paul Prince, F. C. Overton to Ross Clark, Adams.

Netherland Zozo De Kol 5th, Charles C. Baldwin to Edwin J. New, Canastota.

Paul Clyde 2d, C. A. Snow to J. C. Latimer, Tioga Center.

Paul De Kol Hengerveld Burke, H. S. Gordon to John Findlay, Salisbury Mills.

Paul Nudine De Kol, Stevens Bros.-Hastings Co. to Edw. L. Fay, Madrid.

Prince De Kol Burke Spofford, James H. Throop to Wm. Jimmer, Vernon.

Prince Spofford, Jesse Whitmarsh to E. Z. Clark, Cuyler.

Prince Vale De Kol, W. A. Matteson to Bert Wood, W. Schuyler.

Raphaella Burke De Kol Paul, Bradley Fuller to Walter Fesle, Litchfield.

Sadie Vale Concordia's Grandson, Bradley Fuller to Geo. W. Sanborn, Utica.

Second Nell Paul De Kol, F. C. Overton to John Shearer, Rodman.

Sir Canary Dew, E. A. Powell to D. Kilbury, Hornellsville.

Sir Hengerveld De Kol Inka, A. F. Cole to H. H. Wickwire, Hubbardsville.

Sir Korndyke Manor Farm, H. Stevens & Son to W. P. Sabin, Spencer.

Sir Ormsby Alban, Stevens Bros.-Hastings Co. to A. L. Draper, Troy.

Sir Prescott De Kol Paul, A. C. Chase to H. C. Hemingway & Co., Syracuse.

Unfortunate Dark King, F. C. Overton to Martha J. Spink, Rodman.

Vale Concordia Terry De Kol, W. A. Matteson to A. T. Brown, Sauquoit.

Zozo Pietertje De Kol Twisk, J. A. Stanton to C. H. Kine, New Woodstock .

OHIO.

Ashtabula Prince, C. G. Williams to R. J. Mapes, Jefferson.

Count Jewel Cordova, B. N. Millen to Mrs. Luella Sponseller, Columbiana.

De Kol Jewel Mechthilde, C. F. Harrison to C. H. Cook, Burton.

Don Pedro Daw, E. L. Taylor to Frank Steele, Burton.

King of Ophelia, Roice & Yoxtheimer to Esther A. Horr, Wellington.

Grand Public Sale!

John Shugart & Son, Marion, Ind.

85 HEAD OF COWS, HEIFERS, BULLS AND CALVES 85

Will be offered at Public Sale from **INDIANA'S FAMOUS HOLSTEIN-FRIESIAN HERD,** at the farm two miles south of Marion, Ind., Wednesday, April 25, 1906. Sale will commence at 10 o'clock A. M. sharp. No postponement on account of weather. This is one of the best herds of olstein-Friesian cattle in the West, and its foundation represents the best efforts of America's most skillful and best known breeders. The herd today numbers 105 head. Only 4 cows and a few young calves reserved. The rest of the herd goes. It is the good ones that go this time. The result of most careful selection and breeding, expense has never been spared in making additions to the herd of animals of the best breeding and ability at the pail. This herd ranks second to none. Included in this sale is twelve two-year-old heifers, sired by Sadie Vale Concordia, A. R. O. 30 lbs., 10.2 ozs., in seven days, and 220 lbs., 8.4 ozs., in sixty days; and 104.7 lbs., milk in one day and 5093.6 lbs., in sixty days. There is no question but this offering of Holstein-Friesian cattle is the best ever made in the Middle West, and should be attractive to breeders and dairymen all over the country. Send for catalogue now; it will be mailed to you early in April.

JOHN SHUGART & SON, Marion, Indiana.

COL. B. V. KELLEY, Syracuse, N. Y., Auctioneer.

Marion is reached by the Pennsylvania, Big Four, Clover Leaf and C. C. & I. Railroads; also hourly by Trolly Line from Indianapolis, Anderson, Elwood, Muncie, Wabash and Kokomo.

Those attending sale from a distance will find conveyance to and from sale at Squire's Livery Barn, 508 South Adams street, Marion, Ind.

Madam Fedora 2d's Paul De Kol, W. C. Wait & A. Watt, Novelty.

Margolyn 2d's Clyde De Kol, H. N. Hills to Frank G. Thomson, Toledo.

Shelbark King 2d, L. B. Roice to J. C. Smith, Castalia.

ONTARIO.

Reed Duke De Kol, R. C. Reed to H. E. George, Crampton.

Sir Catherina De Kol Houwtje, H. E. George to Fred Howe, Crampton.

PENNSYLVANIA.

Beryl Wayne's Son No. 6, Stevens Bros. to S. B. Doyle, Poyntelle.

Crumhorn De Kol Burke, F. E. Moore to E. G. Ainey, Hop Bottom.

De Kol Burke 3d, F. E. Moore to S. F. Breed, Kingsley.

Fair Oaks De Kol Paul, Wm. P. Morsell to C. Lingg, New Oxford.

Hengerveld Una De Kol, F. M. Turner to Harry Ralston, Freeport.

Lord Uniondale, W. W. Cheney to L. H. Reynolds, Uniondale.

Rex Mechthilde, E. G. Ainey to E. P. Brotzman, Hop Bottom.

Tirania De Kol Burke, F. E. Moore to F. L. Richardson, Montrose.

SOUTH AFRICA.

Crown Bonnibel Sid De Kol, Nixon & Bonsteel to E. A. Powell, and from E. A. Powell to W. B. Gradewell, Bloemfontein.

Shadeland Dictator, Powell Brothers to E. A. Powell, and from E. A. Powell to W. B. Gradwell, Bloemfontein.

VERMONT.

Barrington Mercedes Sir De Kol, W. C. Hack to Hill Bros., Charlotte.

Belmont De Kol Cornucopia, W. H. Bissette to J. L. Barstow, Shelburne.

Prince Pietertje Zur De Kol, A. W. Wilcox to D. F. Macauley, Shoreham.

to Henry E. Smith, Saxtons River.

WASHINGTON.

Colantha De Kol Boy, Thomas Christopher to R. W. Powers, Everett.

WISCONSIN.

Birdie Sir Ormsby, Wm. Everson to Rob Tyler, Medford.

De Kol Sir Ina Colanthus, H. F. Weaver to Chas. Fiske, Darien.

Dio Jacob Johanna, L. C. Morse to L. J. Shultz, Tomah.

Heilo Mutual De Kol, E. E. Randall to Adolph W. Creydt, Watertown.

Pietertje Paul De Kol America 2d, Henry W. Haberman to Alva Downs, Monroe.

Rose Aaggie Pearl, E. E. Randall to A. W. Schliewe, Watertown.

Royal Mercedes De Kol, John Erickson to Waupaca Co. Asylum, Weyauwega.

Royal Pride, A. Kopplin to John Masche, Juneau.

Sir Anze Colanthe Lad, S. C. Howard to C. D. Holt, Pleasant Prairie.

Sir Aurora Parthenias, E. J. Fargo to B. Sommerfield, Beaver Dam.

Sir Colanthus of Lake Side, Wm. Everson to Jefferson Co. Asylum, Jefferson.

Sir Elbaje De Kol 2d, M. T. Haselu to H. Luttman, Watertown.

Spring Valley Burke De Kol, Frank Zabel to Geo. Bailey, Monroe.

Torchlight De Kol Mercedes, M. T. Haseleu to Chas. Haseleu, Reeseville.

For the Week Ending Feb. 24.

COWS.

CONNECTICUT.

Jessie Jewel Pietertje, E. C. Brill to L. S. Dickinson, Bridgewater.

Miss Beauty De Kol, E. C. Brill to L. S. Dickinson, Bridgewater.

Rosalind Evertje De Kol, Gardiner Hall, Jr., & Co. to W. N. Pinney, Ellington.

Sweetness Wayne De Kol, E. C. Brill to R. M. Warner, Bridgewater.

ILLINOIS.

Alvira Netherland 2d, Daisy Oak Lawn 2d, Jewel Wiarda, Lady Jalmar Dieuwertje, Matina Maid De Kol Clothilde Beauty, Milkbron Girl Dieuwertje, Ula Pietertje 3d; from C. W. Harrison to E. G. Turner, Richmond.

Coretta Bretta, A. J. Cole to E. Vanderkaw, Hebron.

Fantazmy Girl De Kol Netherland, A. J. Daugherity to A. Custer, Streator.

Jewel Wiarda, W. W. Parkinson to C. W. Harrison, Ringwood.

Luella Dieuwke, W. W. Parkinson to C. W. Harrison, Ringwood.

Marcella Pietertje De Kol Johanna, A. J. Daugherity to H. A. Miller, Streator.

May Rector De Kol Johanna, A. J. Daugherity to H. A. Miller, Streator.

Miss Montague 2d's Last, A. J. Cole to E. G. Turner, Richmond.

Pietertje Lass Pauline Netherland, A. J. Daugherity to A. Custer, Streator.

MASSACHUSETTS.

Lady Balsamania, Molly Paul, Rachaela Artis De Kol 2d; from John B. Marcou to Arthur Perrin, Southville.

Daisy Frisia De Kol, Daisy Midget De Kol, Pel Evertje De Kol 2d; from Robert G. Shaw to Arthur Perrin, Southville.

Daisy Clothilde De Kol, Ethelbert Bliss to L. L. Beeman, West Brookfield.

Frontier Daisy De Kol, Ethelbert Bliss to L. L. Beeman, West Brookfield.

Myretta Perfection Pietertje 2d, A. L. Draper to Stevens Bros.-Hastings Co., and from Stevens Bros.-Hastings Co. to Kane Brothers, Ludlow.

Nettie Mahomet Countess De Kol, A. B. Gates to D. W. Field, Brockton.

MAINE.

Queen Gerben Togus, Togus Gerbena De Kol, Winthropia; National Soldiers' Home to W. E. Williams, Winthrop.

MICHIGAN.

Catherina Q. Grant Addie, Catherina Q. Grant De Kol, Hattie Grant 2d, Houwtje B. Pietertje 3d, Houwtje Maid Pietertje A. 2d, Winona Pietertje 2d; from C. R. Underwood to W. O. Wilson, Okemos.

Athalend Natsey 2d, J. H. Johnson to Harry M. Russell, Birmingham.

Baroness Paula Netherland De Kol, E. C. Brill to Arthur Wiggers, Drenthe.

Cleopatra Clothilde, Browning & McPherson to Arthur Wiggers, Drenthe.

Colantha Natsey 2d, J. H. Johnson to Miller Bros., Birmingham.

Free Silver Mercedes, J. H. Johnson to John Arthur, Farmington.

Mercedes Wayne Pauline De Kol 2d, J. H. Johnson to Clarence Pearson, Milford.

Mercedes Wayne Pauline De Kol 3d, J. H. Johnson to Clarence Pearson, Milford.

Natsey Alban Belle, J. H. Johnson to Harry M. Russell, Birmingham.

Pauline De Kol Mercedes Lincoln, Browning & McPherson to Arthur Wiggers, Drenthe.

MINNESOTA.

Kate Anna Flanders, Est. of Swen Swenson to Geo. Quist, Winthrop.

Queen Dora Flanders, Est. of Swen Swenson to Geo. Quist, Winthrop.

NEW HAMPSHIRE.

Akje Mercedes De Kol, Geo. D. Gould to C. H. Thomas, W. Rindge.

Frances of Whetstone Farm 2d, E. B. Pike to J. P. Sherburn, Franconia.

Valencia Von Holingen 2d, E. B. Pike to Henry Spooner, Franconia.

NEW JERSEY.

Maple Grove Floy De Kol, Frank Fear to H. C. Huff, Neshanic.

May Del De Kol, Benj. R. Holcombe to Howard K. Stryker, Wertsville.

NEW YORK.

Lady Empress Ri Nestle, Lady Volga, Lady Volga 2d; from Geo. McKay to Davis Bros., Clifford.

Daisy De Kol 2d, Inka Pauline Lilith De Kol, Mignone Twisk 2d's Lilith Pauline, Netherland De Kol Beauty 2d, Wenonah Model, Zernia Sterling De Kol; from Q. McAdam to Geo. W. Vran Vranken, Schenectady.

Alma Grace De Kol, Anna Battles 3d's Annual, Claris De Kol, Floa Queen, Gertie Snowflake Posch, Paula Aaggie, Paula Netherland 2d, Spring Brook Creamelle; from Knapp & Pierce to Henry Stevens & Son, Lacona.

Acme Anna Hengerveld De Kol, Acme Grant Hengerveld, Cambro Wayne De Kol, Cremaletta Hengerveld De Kol, Pauline Netherland Quen; from C. H. Clark to M. J. Fryer, Marcy.

Alta Abbekerk Posch, Eureka Jewel, Mabel De Kol Gates; from L. L. Herrington to H. Stevens & Son, Lacona.

Lilith Pauline De Kol Countess, Netherland Pauline De Kol Lilith, Zanca De Kol Wayne Posch; from Homer Collins to N. F. Sholes, Earlville.

Bonnetrix 2d's De Kol Pietertje, Bonnetrix 4th, Primrose Pietertje Keyes 4th, Primrose Pietertje Keyes 4th's De Kol, Swea, Swea 3d; from Hart & Satterly to L. J. Fitzgerald, Cortland.

Dorothy De Spofford, Isly De Spofford, Olympia R., Phyl Galls De Lone, Wera De Spofford, Wera Goldbrun, Wera Goldbrun 3d; from Fred B. Holmes to Stevens Bros.-Hastings Co., Lacona.

Abbie Pietertje, M. F. & J. E. Casey to Chenango Co. Farm, Preston.

Acme Netherland De Kol, C. H. Clark to Geo. W. Sanborn, Utica.

Alice Rooker Queen, Delos Thompson to Stevens Bros.-Hastings Co., Lacona.

Bisque of Cornwall, E. C. Brill to J. J. Houston, Middletown.

Carlotta Clothilde May, N. F. Sholes to A. G. Ingalls, East Hamilton.

Carlotta Royal Pietertje 2d, J. C. Godfrey to N. F. Sholes, Earlville.

De Kol Queen Perfection 2d, John Many to Frank Fear, Holland Patent.

Dolly Gorter Jewel, J. Arthur Crittenden to John Green, Andover.

Emporia Hamilton Ononis, Freeborn Bros. to J. W. Lee, New Woodstock.

Florence Barrington De Kol, Stevens Bros.-Hastings Co. to A. C. Chase, Syracuse.

Gem Aaggie De Kol, E. C. Brill to C. A. & Isaac Haight, Millbrook.

Hilda Maplecroft Derol, Barstow Brothers to Mrs. H. H. Welch, Earlville.

Imperial De Kol Lilith, Geo. McKay to Davis Bros., Clifford.

Jannek Netherland Clothilde 2d, Don J. Wood to Clyde D. Mason, Richfield Springs.

Jessie Korndyke, Don J. Wood to Chas. D. Thomas, Herkimer.

Joy of Clothilde Burke, Wm. N. Landon to C. F. Hunt, Manlius.

Lilith De Kol Imperial, Geo. McKay to Davis Bros., Clifford.

Litta Lyons 2d, Jay Hart to T. A. Mitchell, Weedsport.

Lovely Queen De Kol, E. C. Brill to Mudgett & Smith, Ellicottville.

Lovely Queen Wayne, E. C. Brill to Samuel J. Tilden, New Lebanon.

Mapledale Beauty De Kol, G. S. Myers to E. E. Myers, Conewango.

Mapledale Bess De Kol, G. S. Myers to E. E. Myers, Conewango.

Mapledale Dema Maude De Kol, G. S. Myers to H. B. Page & Son, Conewango Valley.

Mapledale Dimple Dot De Kol, G. S. Myers to H. B. Page & Son, Conewango Valley.

Mapledale Jessie De Kol, G. S. Myers to L. H. Myers, Conewango Valley.

Maud Wiegand, Oscar Westfall to Dr. W. N. Landon, and from W. N. Landon to C. F. Hunt, Manlius.

Mutual Friend Princess 2d, A. L. Hatch to Frank Freer, Walworth.

Myra Pietertje, M. F. & J. E. Casey to Chenango Co. Farm, Preston.

Netherland Boon Duchess, Fred A. Beecher to E. J. Spier, South Hamilton.

Netherland De Kol Pietertje Countess, James H. Wallick to H. S. Gordon, Kerhonkson.

Netherland Ona, W. J. Beal to J. K. Armling, Bridgewater.

Netheerland Parthenea Ononis, W. J. Beal to J. K. Armling, Bridgewater.

Olivia Artis Barber, Delos Thompson to Stevens Bros.-Hastings Co., Lacona.

Pauline Janie De Kol, H. H. Wickwire to Stevens Bros.-Hastings Co., Lacona.

Primrose De Kol Pauline, J. C. Godfrey to O. J. Godfrey, and from O. J. Godfrey to A. B. Wilson & John DeWolf, Pennellville.

Princess Aaggie De Kol 4th, Arthur L. Hatch to Frank Freer, Walworth.

Tirania Pauline Hartog 3d, G. E. Reynolds to N. J. Ferry, Hornellsville.

Sir Star De Kol, Brattleboro Retreat Farm

Topsy Korndyke Lass, Geo. Morties to Don J. Wood, and from Don J. Wood to Clyde D. Mason, Richfield Springs.

Topsy Whiteface, Geo. Morties to H. D. Wheeler, W. Winfield.

Valentine Maid De Kol, J. Arthur Crittenden to John Green, Andover.

OHIO.

Ewalda 2d, Walter E. Wright to Schuyler E. Atwater, Cleveland.

Gertie C. De Kol, T. W. Kingdom to J. A. Watson, Youngstown.

Grace Morley, D. F. Barnes to James Eglin, Spencer.

Madge Alden, D. F. Barnes to James Eglin, Spencer.

Queen Anne 5th, O. P. Chapman to Esther A. Horr, Wellington.

ONTARIO.

Aaggie De Kol Ykema, W. M. Pearce to Matthew Armstrong, Tillsonburg.

Lillian Abbekerk De Kol, W. M. Pearce to Matthew Armstrong, Tillsonburg.

PENNSYLVANIA.

Blossom De Kol, M. H. Lesher to W. T. Suter, Riverside.

Colantha Haviland, Geo. Zullinger to S. S. Ledy, Marion.

Dowager Queen De Kol, W. W. Phillips to Frank Greenfield, Edinboro.

Eloise De Kol, M. H. Lesher to W. T. Suter, Riverside.

Helena Reynolds, Whittaker Bros. to S. A. Williams, Alba.

Lady Actress of Elmwood, G. H. Greaves to F. M. Riker, West Nicholson.

Lassie Yarland, H. E. Gernert to J. L. Allen, Columbia Cross Roads.

Pride of Potter County, Payne & Coats to M. H. Lesher, and from M. H. Lesher to W. T. Suter, Riverside.

VERMONT.

Midsummer De Kol 3d, Roy A. Wells to E. S. Kimball, Westminster.

VIRGINIA.

Beryl Jessie Veeman A., Frontier Jessie Veeman, Hulda Abbekerk De Kol, Jessie Veeman A., Jessie Veeman A 2d, Jessie Veeman C., Jessie Veeman De Kol, Jessie Veeman Dione, Jessie Veeman Hengerveld, Lady of Hillside; from Stevens Bros.-Hastings Co. to Dr. Sam'l Adams Robinson, Covesville.

WISCONSIN.

Barbetta Leonard, Betta Leonard, Catherine Van Sickle, Flora Bell Pietertje, Mollie Mechthilde, Wilhelmina Clothilde; from F. W. Morgan to Charles Fisk, Darien.

Concordia Pauline, John Legler & Son to L. G. Legler, and from L. G. Legler to T. J. Patton, Judea.

Beatrice Jewel, W. W. Parkinson to C. W. Harrison, and from C. W. Harrison to W. R. Gates, Ft. Atkinson.

Leona Colanthus, Jos. Rutherford to F. B. Fargo, Lake Mills.

Jewel Tamora, W. W. Parkinson to C. W. Harrison, and from C. W. Harrison to W. R. Gates, Ft. Atkinson.

Tietje Mercedes Tirania 2d, John Legler & Son to L. G. Legler, and from L. G. Legler to Henry Wuskoff & Son, Cleveland.

BULLS.

CALIFORNIA.

Visalia Powhatan, R. F. Guerin to Frank P. Smith, Visalia.

DISTRICT OF COLUMBIA.

Sir Hengerveld De Kol Pietertje, A. A. Cortelyou to Ewd. J. Steelwagen, Washington.

ILLINOIS.

America Sir Wayne, L. G. Legler to C. F. Zinschwander, Dakota.

Beechwood Bessie Paul, J. H. Coolidge & Son to C. R. Amos, Roodhouse.

Clothilde De Vries Johanna De Kol, F. W. Allis to I. J. Case, Alta.

De Kol Geneva Sir Paul De Kol, Wm. N. Osborn to Rocky Ford Dairy, Amboy.

Jewel Aurora, C. W. Harrison to E. G. Turner, Richmond.

Rector Johanna Lad, A. J. Daugherity to A. Custer, Streator.

Sir Florissy De Kol Paul, C. W. Harrison to A. J. Cole, Hebron.

Sir Gazelle Pietertje De Kol, A. J. Daugherity to H. A. Miller, Streator.

Sir Jalmar De Kol, C. W. Harrison to Thos. McDonald, Richmond.

Sir Solon De Kol, C. W. Harrison to C. Osmond, Richmond.

IOWA.

Count Aaggie Netherland De Kol, John B. Irwin to C. A. Nelson, Waverly.

Monona Jan, F. W. Allis to H. L. Hanson, Decorah.

Sir Vincent of Arlington, L. D. Zahrndt to H. Smith, Edgewood.

KANSAS.

Parthenea Sir Gerben, H. B. Cowles to John Compton, Junction City.

MARYLAND.

Mercedes Kiatta Antje Count, O. J. Godfrey to Alfred Fassitt, Sylmar.

MASSACHUSETTS.

Clay Abbekerk 2d's Cornucopia, Ethelbert Bliss to L. L. Beeman, W. Brookfield.

Prince Netherland Abbekerk De Kol, Scott B. Jones to P. I. Adams, Housatonic.

MICHIGAN.

Royalton Mercedes Prince, Byron Brink to J. A. Garrow, Morenci.

Vale Elzevere De Kol, A. A. Cortelyou to J. G. Olney, Vernon.

MINNESOTA.

Sir Kaan Jewel Canary, John B. Irwin to Henry D. Harms, Hamburg.

NEW JERSEY.

Covey De Kol Prince 2d, Benj. R. Holcombe to W. A. Force, Clover Hill.

Tehee Paul De Kol 4th, Geo. F. Blewer to Floyd Dickinson, Blair.

NEW YORK.

Albina Hamilton De Kol Prince, H. A. Robinson to Samuel Musson, Gilbertsville.

Christopher Netherland, Geo. W. Potter to Hugh Doner & Sons, Belmont.

Cornucopia Alban De Kol, Don J. Wood to W. T. Finch, W. Winfield.

Crown Prince De Kol, C. C. Babcock to S. Rodman, Randallsville.

Frank Williamson, Frank S. McGregor to John H. Williamson, So. Hammond.

Hero De Kol Burke No. 2, Ivory R. Foster to Wm. Fundis, Owego.

Homer De Kol Prince, Geo. N. Morrow to Chas. McVoy, Montgomery.

Idaline De Kol Beryl, John M. Howard to Wm. Lorrimer, Norwich.

King William Veeman, J. D. Hagan to Stevens Bros.-Hastings Co., and from Stevens Bros.-Hastings Co. to Wm. S. Goodrich, Lacona.

Lilith Pauline De Kol's Grandson, Q. McAdam to Geo. W. Van Vranken, Schenectady.

Lord Netherland Wayne De Kol 2d, E. C. Brill to C. A. & Isaac Haight, Millbrook.

Maplebrook Hero, Ivory R. Foster to James R. Robinson, Owego.

Maple Shade Prince De Kol, L. L. Harvey to Chas. Hallock, Marathon.

Merton, Lewis Roschi to Chas. D. Hoyt, Bemus Point.

Mozart De Kol, Frank Qua to Wm. Reid, Ft. Edward.

Netherland De Kol Signet Paul, R. E. Coe to Henry V. Goodell, Kirkville.

Paul Concordia Hengerveld, Stevens Bros. to Fred H. Kroeger & Harvey H. Benning, Clyde.

Prince Pietertje De Kol Fay, Gage E. Tarbell to Dean Harrington, Cincinnatus.

Sir Beryl Hartog De Kol, Mrs. J. F. Doran to O. B. Van Valkenburgh, North Chatham.

Sir Madge De Kol Genesta, Geo. F. Blewer to Arthur Graham, Newark Valley.

Sir Ononis Manor De Kol, Freeborn Bros. to H. P. Fox, Cazenovia.

Sir Pietertje Grindetia De Kol, Henry Stevens & Son to D. J. Washburn, Adams.

Teddy Cornucopia, Frank Fear to J. J. Lewis, Trenton.

OHIO.

Admiral Beauty De Kol, A. S. Boswell to H. Potter & Co., Burton.

Buckeye Ophelia Duke, James Eglin to Frank Eglin, Spencer.

OREGON.

Captain Korndyke of Riverside, Chas. D. Pierce to Frank Salsbury, Ashland.

PENNSYLVANIA.

Lord Netherland Wayne Signet, Sir Johanna Rue De Kol 10th, Sir Lilith Pauline De Kol Beryl; from R. E. Coe to G. M. & S. S. Lyon, Wyalusing.

Bradford De Kol King, W. H. Bradford to Dr. L. J. Bradford, Columbia Cross Roads.

Maplehurst Shadeland De Kol, W. F. Throop to J. W. McMunigle, Jamestown.

Paul Hick, Chas. H. Hays to J. C. Gilleland, Emsworth.

Sir William Clothilde of Plain View, J. A. Watson to Walter C. Platt, Delta.

Sylvania Sir Henry, W. H. Bradford to N. R. Stanton, Troy.

Woodrow Zinnia Monarch, J. G. Paxton to J. A. McCalmont & Son, Bulger.

SOUTH CAROLINA.

Philpail Ophelia Baron Paul, C. Fred Ausland to J. D. Richardson, Simpsonville.

VERMONT.

Paul Artis Burke De Kol, J. H. Mead to H. G. McNall, Essex.

VIRGINIA.

King Ormsby Friend, Stevens Bros.-Hastings Co., to Dr. Samuel Adams Robinson, Covesville.

Pontiac Calypso's Son, Stevens Bros.-Hastings Co. to Dr. Samuel Adams Robinson, Covesville.

WISCONSIN.

Agatha Netherland Duke 2d, John Widmann to Robert Last, Watertown.

Clothilde De Kol Hesseltje, C. D. Holt to Edw. W. Meyers, Glenbeulah.

De Kol Acma Sir Mercedes, H. Schumaker to C. M. Kinney, Lake Geneva.

Fobes Mercedes Tritomia, John Youngman to Fred Albrecht, Watertown.

Freneker Duke, John Steele to Richard Muller, Delafield.

Jewel Paul, Wm. Braatz to A. C. Kredhoefer, Dodge.

Joe Burke, John Steele to Peter Norton, Watertown.

Johanna Antioch De Kol, Andrew Knecht to Arnold Moser, Mondovi.

Johanna Ormsby Lad, W. H. Jones to T. Gilbertson, Livingston.

Madrigal St. Paul De Kol, L. G. Legler to John Gamper, Medford.

Mandane King, John Steele to Frank O'Connell, Watertown.

Mandane Mahomet, John Steele to John Garvey, Hartford.

Netherland Paul of Monona, F. W. Allis to E. A. Lenthold, Iola.

Sir Johanna De Kol Colanthus, G. W. Bates to C. Hammen, Cascade.

Sir Longfield De Kol, W. J. Gillett to H. Keach, Glenbeulah.

Sir Piebe Ormsby Lad, W. H. Jones to Ole Oleson, Linvingston.

Zitka Sir Johanna De Kol, G. W. Bates to P. H. Connors, Cascade.

For Week Ending Mar. 3, 1906.

BULLS.

CANADA.

Sir Inka Oregon De Kol, P. A. Frakes to J. W. Tilden, Red Deer, Alberta.

CONNECTICUT.

Duke Pride, Fred K. Ellis to Wm. N. Pinney, Rockville.

FLORIDA.

Sir Wayne Tet De Kol Imperial. St. Stanislaus' College to Alfhed Ayer. McIntosh.

ILLINOIS.

Gem Valdiva, Isaac Stephenson to E. F. Hewes, Hebron.

Piebe Mechthilde De Kol, August Stocker to Leonard Weis, Teutopolis.

Prince De Kol Pietertje Sanesta, Peter Reding to W. L. Ruoff, Highland.

Sir Aagje Ruth De Kol, J. Rust to P. Bischmann, Monee.

Sir Piebe Lottie De Kol, August Stocker to Harry Miller, St. Jacob.

Tom Keene, J. H. Coolidge & Son to Geo. H. Wetmore, Oneida.

IOWA.

Pet People's Paul De Kol, Robert Ralston to G. W. Cogil, Bedford.

MAINE.

Independence Netherland De Kol, W. W. Dunham to E. E. Caldwell, Canton.

Livermore De Kol, W. W. Dunham to Chas. D. Leavett, Livermore.

Plymouth Boy De Kol, H. M. Gage to Geo. S. Lincoln, Charleston.

MARYLAND.

Lord Pietertje Wayne De Kol, E. C. Brill to J. S. Whiteford, Whiteford.

Wit Duchess Prince of Wayne, L. J. Fitzgerald to Mary F. Denmead, Baltimore.

MASSACHUSETTS.

Creamelle De Kol Manor Beets, John B. Marcou to Lucy G. Burt, Adams.

De Kol Hengerveld Mechthilde Tnsch, E. D. Reynolds to D. W. Field, Brockton.

Fancy De Kol Lad, Geo. E. Morse to O. A. Kelley. Worcester.

Sir Queen Keyes Pietertje Johanna, L. F. Blossom to Fred F. Field, Brockton.

MICHIGAN.

Count Aaggie Paul De Kol, J. H. Johnson to Orion H. Everett, Birmingham.

Netherland Pietertje Sir Paul De Kol, J. H. Johnson to John Arthur, Farmington.

Searchlight, A. M. Leitch to W. B. Gilbert, Cumber.

Sir De Kol Winona Tritomia, Harvey S. Day to Fred Van Alstine, Inkster.

Sir Ykema Canary, I. M. Shorman to Harry Lindsay, Millington.

MINNESOTA.

Homestead, Jr., Cleveland De Kol, S. B. Jones & Son to Henry Jesgens, Biscay.

MISSOURI.

Maple Leaf Sir Netherland, Berry Lucas to M. E. Moore, Cameron.

NEBRASKA.

King Gerben De Kol, John C. Doubt to C. L. Phelps, Belmont.

Lloyd Pietertje Astrea, Fred M. Easton to W. G. Huntington, Liberty.

NEW HAMPSHIRE.

Absalom Friesland, D. H. Goodell to F. G. Putnam, Kelleyville.

Albino Johanna Mechthilde, Geo. T. McNeil to E. S. Daniell, Greenland.

Beauty Manor De Kol Count Lad 2d, Brattleboro Retreat Farm to Geo. C. Clark, Orford.

De Kol Pietertje Walter P. Gould to G. & F. Brockway, East Washington.

Mutual Mulvie De Kol, Arthur E. Whipple to J. F. Garland, Henniker.

NEW YORK.

Aaggie Dorinda Mercedes, H. L. Bronson to Geo. A. Leroi, Bluff Point.

Aaggie Inka Pietertje 3d's De Kol, James Potter to Jones Bros., Cassville.

Acme Camroden, C. H. Clark to C. H. Evans, Rome.

Admiral Netherland Twisk De Kol, Emerson Day to E. R. Curtis, South New Berlin.

Alida Gorter Oatka Corona, M. A. Green to Arthur Irish, Scio.

Burke Pietertje Spofford, Isaac Dalrymple to C. H. Parker, Otselic.

Count Buckeye De Kol, Wing R. Smith to J. A. Leach, Marathon.

De Kol Antze Burke, D. H. Fuller & Sons to C. P. Bixby, Belfast.

De Kol Paul Barrington, J. F. Gay to D. S. Hunt, Preble.

Duke Nikko Barrington Merdu, Emerson Day to Chas. Smith, New Berlin.

Duke Van Friesland Korndyke, F. H. Thomson to W. H. Lloyd, Gravesville.

Emerald Irwin, J. G. Ingamells to C. E. Snyder. Fulton.

Erix Clothilde Prince, F. H. Thomson to H. R. Evans, Holland Patent.

Frontier Friend De Kol, Frank W. Ames to Horace Bailey, Austerlitz.

General Barrington De Kol Merdu, Emerson Day to John Anderson, New Berlin.

Hadria Butter Boy, W. M. Backus to Allen Backus, Morris.

Homestead Butter Boy De Kol, D. J. Hollis to H. Stevens & Son, Lacona.

Inka Hartog Prince, A. F. Cole to Daniel Haight, Morrisville.

Inka Hengerveld De Kol Prince, A. F. Cole to Geo. Cole, Solsville.

Jimmie De Clanc De Kol, C. H. Armsted Wm. Clancy, Hartsville.

King De Kol Korndyke, F. H. Thomson to David R. Jones. Remsen.

Korndyke De Kol Model, Rivenburgh Bros. to C. W. Hunter. Monroe.

Maple Lodge De Kol, James Potter to F. A. Rhodes, Clayville.

Maple Lodge Paul Wayne De Kol, James Potter to Walsh Bros., Babcock Hill.

Mechthilde Keyes, Rivenburgh Bros. to Edw. P. Smith, Monroe.

Musa Boyo, Tibbits & Buck to Moore & Smith, Wampsville.

Paul De Kol Carlotta De Kol, Geo. W. Little to R. P. Kutschbach, Sherburne.

Paul De Kol Pride Aaggie, Est. of Herman Leiter to Gais Bros., Syracuse.

Paul Hartog De Kol Marlatt, L. L. Brown to O. B. Marlatt, Cameron.

Paul Wayne De Kol Jewel, W. M. Hallock to Delos M. Weed, West Danby.

Pride of Genoa, Stevens Bros. to Sarah R. Potter, Genoa.

Prince Aaggie De Kol Wayne, C. H. Clark to S. R. & J. B. Jones, Holland Patent.

Prince Beryl Wayne Idola, L. J. Fitzgerald to Augustus Elmendorf, Kingston.

Prince Clothilde Johanna Lad, L. L. Grow to C. P. Stannard, Springfield Center.

Prince De Kol Hengerveld, Wing R. Smith to Frank L. Davis, Mannsville.

Prince De Kol Paul 2d's Duke, N. F. Sholes to Allison Briggs, Sherburne.

Prince Inka Burke Tulip, Geo. T. McNeil to C. J. Rappole, Theresa.

Prince Leila Alta, Geo. T. McNeil to Geo. Roberts, Philadelphia.

Prince Leila Tulip, Geo. T. McNeil to Gibson & Snell, Theresa.

Prince Leila Van Friesland, Geo. T. McNeil to Sargent & Gibson, Orleans Four Corners.

Prince Pietertje De Kol Inka, James Potter to Stephen Thomas, Cassville.

Sarcastic Bonheur, Byram L. Winters to John T. Trenham, Talcottville.

Segs De Kol Netherland, F. H. Thomson to R. D. Reynolds, Holland Patent.

Senor Josie De Kol, Mrs. J. F. Doran to Wm. B. Van Alstyne, Kinderhook.

Shadeland Concordia, G. B. Wright to C. F. Hunt, Manlius.

Sir De Kol Abbekerk, N. W. Lawrence to Clinton Fairchilds, Bangor.

Sir De Kol Hengerveld Johanna, E. H. Taylor to James F. Heslin, Canastota.

Sir Goodsell De Kol, Ralph Corbin to J. H. Chamberlin, Sidney Center.

Sir Hengerveld Waldorf, Lawrence L. Grow to Horace Converse, Potsdam.

Sir Jarie 2d, Geo. W. Little to N. F. Sholes, Earlville.

Sir Lilith Pauline De Kol Korndyke, Frank Murray to C. H. & S. G. Thomas. Cassville.

Sir Netherland Jewel, J. A. Ranney to H. Jay Chipman, Locke.

Sir Piebe Aaggie Boelyn, Ernest M. Johnson to Allen J. Bloomfield, Richfield Spr.

Small Hopes Cornucopia Prince, A. W. Brown to Rush Bartlett, W. Winfield.

Quoque Beryl Wayne De Kol Paul, I. S. Allen to Mrs. N. Brownell, Hubbardsville.

Valentine Mechthilde, James C. O'Connor to Wm. Clancy, Hartsville.

Wayne De Kol Sir Abbekerk, H. Stevens & Son to L. L. Grow, Ft. Jackson.

Zerma Prince De Kol, James Potter to Mrs. C. D. Wheeler & Son, Clayville.

OHIO.

Alta Posch Gladiator, W. C. Jeffries to Edw. Owens, Kinsman.

Mac De Kol, Wm. M. Breck to J. Henry Mooren, Cleveland.

Prince of Fulton, M. H. Miller to D. T. Miller, Delta.

Prince Pietertje Daw, E. E. Ellett to Godfrey Biery, Beloit.

Roger Koningen De Kol, J. A. Ward to E. W. Libby, Bedford.

Spring Brook Aaggie Prince, Knapp & Pierce to J. H. Blose, Urbana.

Spring Brook Butter Boy King, Knapp & Pierce to W. W. Berg, Whipple.

ONTARIO.

Reed Duke De Kol, H. E. George to Gilbert Ostler, Plevna.

PENNSYLVANIA.

Earl Torret De Kol, Geo. M. Carpenter to A. S. Worden, Ulysses.

Johanna Von Holingen Lad. Lackawanna Breeders' Association to C. Lee, Clifford.

Manor Kekke De Kol, J. D. Potter to B. L. Chapman, Genesee.

Prince Isadora De Kol, Ziba Carter to G. M. & S. S. Lyon, Wyalusing.

Sir Nannette Mutual Paul, Fred P. Elsbree to G. M. & S. S. Lyon, Wyalusing.

Sir Woodland De Kol, G. M. & S. S. Lyon to J. D. Williams, Renfrew.

PORTO RICO.

Ridgway De Kol Mutual Friend, W. R. Selleck to A. J. Greif, Guanica.

SOUTH DAKOTA.

Chief Von Harlingen, Levi French to John Sindelar, Ipswich.

TEXAS.

Henry Alec Holland King, Alex Uhl to Texas Agricultural Experiment Station, College Station.

VERMONT.

Paul Hengerveld Burke De Kol Genesta, Wm. Cooper to Theron Howe, Wells.

Sir De Kol Johanna Paul, Burton S. Ward to John C. Bisbee, Moretown.

VIRGINIA.

Sir Amanartis Mechthilde De Kol, J. B. Marcou to E. L. Cockrell, Woodbridge.

Sir Netherland of Virginia, T. O. Sandy to C. H. D. Gibson, Castleewood.

WISCONSIN.

Sir Josephine Ernest, Sir Josephine Joe, Sir Josephine Lotta, Sir Mercedes Magnet; from J. Rust to Wm. Everson, Lake Mills.

Aaggie Netherland De Kol Ringwood, J. W. Linton Estate to Chas. Burnham, Ft. Atkinson.

Duke Mercedes Pansy, Wm. Everson to Julius Cooper, London.

Homestead Longfield De Kol, S. B. Jones & Son to Fred Trumpy, Clarno.

India Johanna of Monona, F. W. Allis to R. J. Lancaster, Darlington.

Hendricka De Kol Ringwood, J. W. Linton Estate to Andrew Jager, Ft. Atkinson.

Lord Oak Duchess, S. B. Jones & Son to Albert Luebke, Watertown.

Mooie Piebe De Kol, S. B. Jones & Son to Edmund Nales, Hustisford.

Mutual Fayne De Kol, S. B. Jones & Son to Albert Armitage, Seymour.

Nelson Fobes De Kol, S. B. Jones & Son to Frank Meckelburg, Juneau.

Netherland Mooie De Kol, S. B. Jones & Son to John Buckley, Watertown.

Pauline Paul Sir Beauty Colantha 2d, E. G. Carpenter to Geo. Schmidt, Fremont.

Paul Piebe Abbekerk De Kol, Carl Foll to E. F. McGinnity, Edgerton.

Prairie Flower King De Kol, Geo. M. Gray to John Cusack, Darien.

Prince Mercedes of Silver Spring, Geo. F. Comings to James Ford, Rosendale.

Silver Spring Chief, Geo. F. Comings to John Wolf, Bloomer.

Valdiva Brilliant Paul De Kol, Isaac Stephenson to Andrew Christiansen, Pleasant Prairie.

Valdiva Gem De Kol, Isaac Stephenson to Fred Blackman, Bristol.

Valdiva Netherland Mercedes De Kol, Isaac Stephenson to J. W. Dowd, Pleasant Prairie.

COWS.

DELAWARE.

Beryl Wayne De Kol Nudine, Henry Wisler to Richard L. Naudain, Middletown.

De Kol Beryl Wayne Daughter, Henry Wisler to Richard L. Naudain, Middletown.

ILLINOIS.

Barbetta Leonard 2d, Barbetta Leonard Hengerveld, Beechwood, Parthenea Pauline, Dotty Netherland Butter Queen, Princess Mechthilde Pietertje, Queen Cornelia, Rebecca Salo of Lake Side, Rosa Beechwood

7th's Clothilde; from August Stocker to J. H. Diehl, Effingham.

Barbetta De Kol Piebe, August Stocker to Henry Pyle, St. Jacob.

Barbetta Piebe, August Stocker to J. Osborn, Hillsboro.

Calamity Clifden, A. B. Nokes to Tri-City Pasteurized Milk Co., Rock Island.

Dotty Piebe Butter Queen, August Stocker to Leonard Weis, Teutopolis.

Edna Piebe De Kol, August Stocker to Henry Wuebbels, Breese.

Gaza Aconetr Pietertje, J. V. Dittemore to E. N. Upton, Effingham.

Lady Alsie Aaggie 2d, Christ Guenther to A. J. Walen, Arlington.

Lady Piebe De Kol, August Stocker to T. J. Virgin, St. Jacob.

Pietertje Piebe De Kol Netherland, August Stocker to T. J. Virgin, St. Jacob.

Princess Mechthilde Pietertje 3d, August Stocker to Henry Pyle, St. Jacob.

IOWA.

Iowa Lady Optimus, Cora B. Ralston to G. W. Cogil, Bedford.

Louisa Magnet, Fred Blumer to Rudolf Bohren, Monticello.

MAINE.

Ina De Kol, Stevens & Marsh to E. L. Brown, Brewer.

Queen of Farmington 2d, B. C. Hardy to C. Eaton, Wilton.

MARYLAND.

Johanna Mechthilde Rue De Kol, G. M. & S. S. Lyon to John T. Shafer, Tuscarora.

Polly Kappijne, Walter C. Platt to John H. Remsberg, Middletown.

MASSACHUSETTS.

Aaggie Beets De Kol, D. M. White to Clayton H. DeLano, Boston.

Henrietta Artis Paul, C. A. Hixson to Frank Monk, Stoughton.

Henretta Warwick, C. A. Hixson to Frank Monk, Stoughton.

Lydia Beets De Kol, D. M. White to Clayton H. DeLano, Boston.

Midlummer De Kol 2d, Brattleboro Retreat Farm to Wayne A. Smith, Griswoldville.

Netherland Evertje 2d, Brattleboro Retreat Farm to Wayne A. Smith, Griswoldville.

MICHIGAN.

Calamity Fairmont Aaggie Bewunde, Calamity Fairmont Maid, Canary Mercedes Calamity Belle, Rhoda Clifden Calamity Belle; from M. R. Seeleey to Geo. Hake, Plymouth.

Belle of Whittaker Pride, J. S. Childs to D. Owen Taft, Oak Grove.

Berty Netherland, W. B. Gilbert to T. H. Wallace, Gagetown.

Excelsior Lady De Kol, Harvey S. Day to Hiram Carney, Dundee.

Fenicia, B. B. Hardy to A. J. Goodall, Durand.

Lady Boon Jewel, F. W. Savage to J. S. Childs, Willis.

Lou Belle Canary, M. R. Seeley to Carl Ely, Farmington.

Nellie Alban De Kol, F. W. Savage to J. S. Childs, Wills.

Star Boon Canary Mechthilde, Geo. L. Weller to Earl Cornell, Howell.

Wayne Maid Fairmont, M .R. Seeley to Carl Ely, Farmington.

NEW HAMPSHIRE.

Pauline Rose, Saarette Pauline, Trijintje Pauline; from A. C. Hawkins to C. E. Kendall, Milford.

NEW JERSEY.

Ava Terzool Homestead De Kol, Bessie Grietje De Kol, Laly Lena De Kol, Lady Roella De Kol; from A. A. Cortelyou to B. Meyer, Finderne.

Covey De Kol 3d, S. D. Opie to John H. Studdiford, South Branch.

Covey Mercedes De Kol 3d. S. D. Opie to Jacob Todd, Jr., Belle Mead.

Covey's Mercedes Netherland, S. D. Opie to Abram Hardenburg, Neshanic Station.

De Goede Sunnybrook Amleto, S. D. Opie to John Opie, Three Bridges.

De Goede von Holingen 2d, S. D. Opie to Chas. Opie, Belle Mead.

Gentle Lady De Kol, S. D. Opie to John V. Huff, Jr., Neshanic Station.

Heeringa 2d's Lady, S. D. Opie to L. E. Opie, Belle Mead.

Heeringa De Kol Amleto, S. D. Opie to H. I. Drake, Somerville.

Josie De Kol 2d, S. D. Opie to H. I. Drake, Somerville.

Josie Von Harlingen's De Kol, S. D. Opie to A. A. Cortelyiu, Neshanic Station.

Lizzie De Kol Soldene, W. R. Selleck to Congregation of the Mission of St. Vincent de Paul, Bordentown.

Lizzie Netherland De Kol, W. R. Selleck to the Congregation of the Mission of St. Vincent de Paul, Bordentown.

Pledge Emporia De Kol, S. D. Opie to Wm. L. Amerman, Neshanic Station.

Starucca Amleto, S. D. Opie to Fred A. Quick, South Branch.

Starucca Bredwell De Kol, S. D. Opie to Jocob G. Drake, Somerville.

Starucca Bredwell Von Harlingen, S. D. Opie to Jacob G. Drake, Somerville.

Starucca De Kol Amleto, S. D. Ope to Jacob Todd, Jr., Belle Mead.

Starucca Von Harlingen 2d, S. D. Ovie to Abram Hardenburg, Neshanic Station.

Waverly De Kol Amleto, S. D. Opie to Jacob P. Holcomb, Stockton.

NEW YORK.

A and G Manor De Kol Clothilde Lass, A and G Nicolo De Kol Queen, Burke Nicolo De Kol Pietertje, Coin King Beauty, Coin King Bess, Laura Setherland De Kol, Lilith Pauline Belle De Kol, Lilith Pauline De Kol Coin Beauty, Lilith Pauline De Kol Coin Beryl, Netherland De Kol Glenice, Pauline De Kol Queen, Pauline Idaline De Kol, Pauline Lady De Kol, Shadeland Paul De Kol Lily; from Geo. W. Little to R. P. Kutschbach, Sherburne.

Alma Lyons Konig, Diantha of Riverside, Donna of Riverside, Elsa Lyons, Jessie Lyons of Riverside, Lena of Riverside, Maike of Riverside, Margaret of Riverside, Morna Lyons, Nora of Riverside, Phyllis Alewin; from W. A. Wilder to Wing R. Smith, Syracuse.

Adeline Pieterttje Walker, Ariadne Pietertje Walker, Ariadne Pietertie Walker 2d, Bessie Pietertje Overton, Rena De Lone, Wera Goldbron 2d's Maid; from H. K. Stoddard to D. V. Stoddard, Otselic Center.

Bertha Gifford Abbekerk, Helen W. Miller, Hilda G. Mack, Netherland Pacha Merdu; from Ellery Norton to C. B. Hawley, Half Moon.

Dainty Miss Pietertje, Daphne 5th's Beauty, Idol Duchess, Lady Pride B.; from J. H. Bennett to G. B. Rickett, Rosiere.

Cassie Jewel De Kol 3d, Duchess Beauty De Kol, Jessie Jewel 2d; from W. A. Matteson to Bert Wood, West Schuyler.

Baroness Pride De Kol, De Kol Maid Perfection, Lady Henrietta De Kol; from E. C. Brill to Lamb Brothers, East Hamilton.

Molly Corona, Molly Corona De Kol, Shibboleth, Victoria Empress Bonnie Bell; from Tibbits & Buck to C. C. Baldwin, Canastota.

Blinkie Hartog, Fanny Keyes 2d's Pauline, Lucinda Pietertje, Newton Beauty De Kol; from John J. Taylor to Russell & Moran, Hamilton.

Genevieve Lamonte Whyte, Grace Pauline Paul, Grace Pietertje, Zozo Colantha Lady De Kol; from C. F. Corey to C. E. Snyder, Fulton.

Ida Burke De Kol Spofford, Lena Burke, Otselic Belle; from Isaac Dalrymple to Stevens Bros.-Hastings Co., Lacona.

Albion Althea, Albion Zora Sigrist, Maud Muller of West Salen; from Roice & Yoxtheimer to T. A. iMtchell, Weedsport.

Bellwood Clemantine Pietertje, Lucy Nudine Mac, Lucy Ophelia Nudine, Shelbark Bawn, Sueen; from Esther A. Horr to T. A. Mitchell, Weedsport.

Aaggie De Kol Annie 3d, L. G. Korkland to A. B. Grover, Conewango Valley.

Aaggie Pet De Kol, James Potter to H. D. Risley, Earlville.

Aaggie Pietertje Lady, F. P. Saunders to L. P. Lamott, Freeville.

Anna Buckeye Prague, Esther A. Horr to T. A. Mitchell, Weedsport.

Anna of Maple Spring, T. J. Rexford to D. G. Wood, Bemus Point.

Annelida's Yuca, Chas. D. Maine to Frank P. West, W. Edmeston.

Baroness Ideal, W. A. Mattteson to Frederick Thomas, Utica.

Baroness Pietertje De Kol, W. A. Matteson to Laura M. Meyer, Marcy.

Bawn De Kol, Frank P. Sutliff to Wing R. Smith, Syracuse.

Beppo De Kol Dowager, Est. of Herman Leiter to Gais Bros., Syracuse.

Bessie Lockhart Pieterttje, M. G. Spooner to Eugene LaMunion, Solsville.

Betsy Mutual De Kol, Samuel F. McElwain to H. P. Page & Son, Conewango Valley.

Betsy Potter, Ellery Norton to David G. Anthony, W. Cambridge.

Black Kuperus De Kol, O. R. Cole to W. E. Stover, Smyrna.

Blanche Pledge, Nathan Pritchard to C. W. Walker Est. and from C. W. Walker Est. to Fred Lansing, Georgetown.

Bonnie Cherry 3d, C. H. Weaver to J. G. Pulver, Copake.

Bonnie Netherland Hengerveld, J. A. Ranney to J. G. Nye, Groton.

Buckeye Clothilde 3d, P. D. Reed to H. Stevens & Son, Lacona.

Clintonia 4th, Hartrum & Bloss to Benj. W. Conley, Andover.

Clothilde Mink Princess, Geo. T. McNeil to G. C. Timmerman, Orleans Four Corners.

Clothilde Pearl Hengerveld De Kol, Geo. T McNeil to Joe Bacon, Theresa.

Daisy De Kol Gorter, Hartrum & Bloss to W. J. Clancy, Alfred Station.

De Kol Clothilde Bawn Mercedes, F. P. Sutliff to Wing R. Smith, Syracuse.

Doetje Welling's De Kol 2d, J. C. Godfrey to N. F. Sholes, Earlville.

Duchess of Rosedene Royal Paul, Samuel F. McElwain to H. P. Page & Son, Conewango Valley.

Edith Clintonia Gorter, Hartrum & Bloss to Nathan C. Williams, Wellsville.

Ekster Flyaway, Ellery Norton to John H. Delurey, Schaghticoke.

Fanny Mercedes De Kol, W. H. Carrier to M. Stevens & Sons, Pennellville.

Floa De Kol Clothilde 2d, N. F. Sholes to John Jaquay, South Hamilton.

Hazel Lockhart Heegstra, M. G. Spooner to Eugene LaMunion, Solsville.

Helen De Kol De Jong, Ellery Norton to Geo. S. Wright, Cambridge.

Helen W. Miller Alpha, Ellery Norton to Geo. S. Wright, Cambridge.

Hillview Jewess 3d, Hartrum & Bloss to 5. B. Rollins, Andover.

I. D. May, James Hill & C. A. Ewell to Wm. H. Fitzgerald & Son, Chester.

Imperial Johanna, A. W. Rodger & Son to D. G. Rodger, Hammond.

Inka Jewel, Hartrum & Bloss to E. E. Clarke, Andover.

Inka Maurie De Kol, James Potter to H. A. Palmer, Bridgewater.

Jacoba Shadeland Diana, M. C. Jenks to F. P. West, W. Edmeston.

Jennie Johanna, E. L. Buell to A. F. Cole, Morrisville Station.

Jennie Johnson Hattie, Q. L. Eicher to T. A. Mitchell, Weedsport.

Jetske Artis Beryl, N. F. Sholes to Homer Collins, Earlville.

Jewel Ononis De Kol Butter Girl, Geo. B. Howe to L. E. Dean, Ashville.

Joan of Arc's Empress 3d, Tibbits & Buck to S. M. Chesebro, Perryville.

Johanna Durkje, J. A. Ranney to J. G. Nye, Groton.

Korndyke De Kol Beets Best, L. G. Kirkland to W. L. Markham, Kennedy.

Lady Alice Mechthilde, W. A. Matteson to Laura M. Meyer, Marcy.

Lady Empress Tibbits & Buck to Geo. H. Bowman, Durhamville.

Lady Winters 2d, Esther A. Horr to T. A. Mitchell, Weedsport.

Lilith Pauline Calamity Jane, N. F. Sholes to Sanford R. Clark, Onondaga Valley.

Lillian Walker De Kol, Langworthy & Morris to H. A. Moyer, Syracuse.

Lily Hamilton De Kol, H. A. Robinson to W. E. Knight, Edmeston.

Lucy De Kol Pieterttje, H. L. Bronson to P. D. Jones, Mt. Morris.

Maggie Keyes Mechthilde, C. H. Warren to Rivenburgh Bros., Oneida.

Malie Clothilde Artis, J. Franklin Steele to Mary F. Kinns, E. Greenwich.

Manor Van Friesland Aaggie, Bronson & Fitzgerald to J. D. Wilson, Ashville.

Mary Pledge Johanna, Gerrit S. Miller to Jay Brown, Munnsville.

Maud Frieslanl, P. D. Reed to H. Stevens & Son, Lacona.

May Belle W., H. D. Risley to Stevens Bros.-Hastings Co., Lacona.

Musa De Kol Clothilde, Tibbits & Buck to E. Watkins, Canastota.

Myretta Perfection Pietertje, J. C. Godfrey to N. F. Sholes, Earlville.

Neta Paul's Son's B., J. G. Howard to Herbert P. Smith, Smyrna.

Netherland Bonanza 2d's De Kol, J. F. Steele to James Kinns, E. Greenwich.

Nikc La Rue Gorter, Hartrum & Bloss to W. J. Clancy, Alfred Station.

Norma Clothilde Onyx, Tibbits & Buck to Tilden New, Canastota.

Orona Pauline De Kol, James Potter to Mrs. C. D. Wheeler & Son, Clayville.

Pauline Artis De Kol Ursena, W. H. Carrier to Geo. F. Chesebro, Pennellville.

Pauline Lorea De Kol, Chas. Reynolds to Geo. E. Corwin, Howells.

Pietertje Lockspur Countess, Geo. T. McNeill to Joe Bacon, Theresa.

Plum Lass De Kol, Gerrit S. Miller to Jay Brown, Munnsville.

Princess Delicia Belle Rose, Q. L. Eicher to T. A. Mitchell, Weedsport.

Queen Blythe Prescott, A. C. Chase to N. F. Sholes, Earlville.

Queen Burke De Kol Clothilde, S. E. Uptegrove to C. F. Hunt, Manlius.

Queen Idlewild De Kol, J. A. Osbeck to H. L. Bronson, Cortland.

Remington Mamie De Kol 2d, C. H. Chase to H. Mayme, Burlington Flats.

Rosamunda 2d's Violet, H. D. Risley to D. S. Davies, Earlville.

Sarah Susie Spofford, Frank W. Coakley to Frank B. Stanton, Plymouth.

Severine Pauline De Kol, Est. of E. M. Corwin to Albert Manning, Guymard.

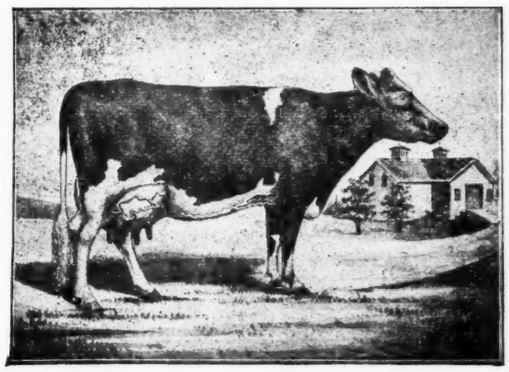
Shadeland Celia Abbekerk, J. Mabee to Geo. E. Howell, Howells.

Continued.

GREENWOOD HERD SCORES AGAIN.

With two more dughters to the credit of "Katy Spofford Corona's Son" he now has 10 A. R. O. daughters at an average age of two years and twenty-six days.

The Leading Families



KATY SPOFFORD CORONA.
Holds a WORLD'S record that has stood the test for 5 years.

No Other Sire living or dead, at his age, ever had **ten** daughters in the Advanced Registry, and of so high a quality. Nos. 1 and 10 average 340.97 lbs. milk, 14,23 lbs. butter in 5 days. A full-age cow in this herd has just closed an official test in which she produced 637 2 lbs. milk, 25.17 lbs. butter in 7 days; 2,671 lbs. milk, 102.67 lbs. 80 per cent. butter in 30 days; best day's milk 100.5 lbs.

12 cows with official record that average over **20** lbs. butter in 7 days.

9 bull calves and service bulls from these 12 cows to offer our customers. Animals that are fit to head the best herds in AMERICA. Write to headquarters for anything you want in

First-Class Stock.

Low prices for quality and honest dealing with every customer.

E. H. KNAPP & SON, Fabius, N. Y.

Lakeside Herd.

E. A. POWELL, successor to Smiths & Powell Co., Syracuse, N. Y., offers

SPECIAL BARGAINS

on cows and heifers soon to freshen, yearling heifers and heifer calves; also yearling bulls and bull calves by very noted sires and from dams with official butter records of 20 lbs. or more.

A RARE CHANCE. QUICK SALES: SMALL PROFITS.

LORD NETHERLAND DE KOL

Sire of 42 A. R. O. Daughters, many of which average 4 per cent. and over, a fact worth considering. High-class Stock Always for Sale. ∴ ∴ ∴

Brill Farm, - - Poughquag, N. Y

Going Out of the Bull Business.

We have fed them as long as we will they must go **at Farmers' Prices** Also large producing, fashionably bred cows and heifers at astonishingly low prices.

RIVENBURGH BROS.,
Hillhurst Farm,
Oneida, N. Y.

FOR SALE

Holstein bull calf, DEKOL PAUL CONCORDIA'S KING. His dam, De Kol Paul Concordia, 64765, has an A. R. O. record at 2 yrs. of 73 lbs. of milk in one day, 18.55 lbs. of butter in 7 days. At 3 yrs. 80.4 lbs. of milk and 3 23 lbs. of butter in 1 day, 20.05 lbs. in 7 days. A full sister won first prize and sweepstakes over all females above 2 yrs. old, at N. Y. State Fair, 1905. This young bull carries three-quarters the same blood as his dam.

M. S. NYE, Preble, N. Y.

In writing advertisers mention the WORLD.

HOLSTEIN BULL

Fit for Service. His dam, sire's dam and sire's sire's dam average over 24½ pounds butter in 7 days. **Sir Lilith Wayne, 40485.** Who wants him at $75?

LOCUST HEDGE STOCK FARM,
KIRKVILLE, N. Y.

In writing advertisers mention the WORLD.

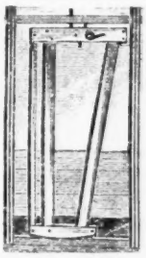
HILLCREST FARM.

Butter Bred Holsteins,

Home of HERRINGEN PAULINE 2nd, A R. O., 25 lbs. 8 oz. 7 days. WISCONSIN BESS, A. R. O., 86 lbs. butter 30 days, test 3.86. Also dam of 3 A. R. O. daughters and of our young bull, WORLD'S FAIR DUKE, who has over 30 A. R. O. sisters, one of them with world's 30-day butter record (test 4.39) at age of 4 1-2 years. HADRIA 2d, 6,700 lbs. milk, 214.8 lbs. butter in 120 days. WORLD'S FAIR HADRIA 1st, prize heifer, St. Louis, 1904; Jolie 4th Pauline De Kol, A. R. O. 19.5 lbs. 7 days, dam of Pauline Paul 2d, Count De Kol, who has 3 A. R. O. daughters. Many other A. R. O. cows. Young bulls for sale.

GEO C. MOSHER, Bryant Bldg. Kansas City, Mo.

In writing advertisers mention the WORLD.



EXCELSIOR SWING STANCHION

WARRANTED THE BEST
30 DAYS TRIAL

Unlike all others.
Stationary when open.
Noiseless.

The Wasson Stanchion Co.
Box 20, Cuba, N. Y.

CHAS. D. PIERCE, PRES., W. C. HUNT, MGR., W. FRANK PIERCE, VICE PRES.

RIVERSIDE HERD 400 WORLD'S FINEST.

Including **World's Champions—Juliana DeKol,** 22 lbs. 9 oz. butter A. R. O. with first calf at 2 years, and her **son Juliana King of Riverside,** Junior champion and head of first prize young herd California State Fair and Lewis & Clark, 1905. *110—A. R. O. butter record cows and heifers in our Herd—110. A few young bulls of Highest producing Qualities for Sale.* San Francisco office 884 James Flood Bldg. Write Now.

PIERCE LAND & STOCK CO., Stockton, Calif.

$23,000 SPECIAL THIRTY DAY SALE $23,000

LARGEST SPECIAL OFFERING OF REGISTERED HOLSTEINS EVER BEFORE MADE.

30 days or until the stock is exhausted, you can get registered Holsteines at Star Farm at from 25 per cent to 50 per cent reduction. These prices have never been equaled:

	Value	Price
Registered Holstein-Freisian cows	$100	$ 75
Registered Holstein-Freisian cows	125	100
Registered Holstein-Freisian cows	150	125
Registered Holstein-Freisian cows	200	150
Registered Holstein-Freisian cows	250	200
Registered Holstein-Freisian cows	300	250
Registered Holstein-Freisian cows	600	500
Registered Holstein-Freisian service bulls, (extra fine), one year old past	100	75
Registered Holstein-Freisian Service bulls,	125	100
Registsred Holstein-Friesian Service bulls	500	400
Registered Holstein calves	100	50 / 75
Registered Holstein bull calves	100	50 / 75
Registered Holstein yearlings (very choice)	100	75

SWEEPING REDUCTIONS IN EVERY DEPARTMENT

Write for illustrated circulars, and valuable information at once.

HORACE L. BRONSON,
Dept. F.
Cortland, N. Y.

OUR PRICES

Bull calves 2 mo. old..... $20.00
Bull calves 5 mo. old..... 25.00
Registered, transferred, F. O. B. cars

FRED L. HILBURT,
West Candor, - N. Y.

KORNDYKES

Bull calves sired by "Korndyke Queen DeKol's Prince" and "Witkop DeKol Korndyke Wayne" two of the best Korndyke Bulls living, also a few young cows bred to these bulls for sale. F. W. AMES, Morristown, St. Lawerance Co., N. Y.

HUSH! Breathe it not aloud, the wild winds must not hear it! Yet, again, I tell thee—I HAVE A YEARLINE BULL by DEKOL BURKE, and SEGIS DEKOL with a record of 16 lbs. For sale at a bargain, and don't you forget it. Also several young cows due to freshen in March. Richard Hicks, Auburn, N. Y.

CROWN HERD.

9 A.R.O Records average 24,867 lbs

I now offer the bull **Crown Pauline Sir Hengerveld,** calved Feb. 20th, 1905; nicely marked, good size, straight and square; an extra fine bull and a good handler every way. In his pedigree there are 9 A. R. O. records that average 24,867 lbs. of butter. 7 of these average 26.59 lbs. First check of $50.00 takes him.

I. J. FOSTER, - - Cortland, N. Y.

HOLSTEINS

I offer for sale Five Fine Registered Holstein-Friesian Cows at a bargain. Correspondence solicited.

HILLSIDE STOCK FARM,
STANTON OSTERHOUT,
Cobleskill, N. Y.

60-Head to Select From-60

Come at once to Maple Lawn and buy a bull born Feb. 1st. 1905, whose 6 near dams average 26 lbs. butter in 7 days, A. R. O. We can supply you with anything you wish Bulls and heifer calves, young cows in calf to bulls of the very best breeding. It will pay you to look at these cattle before buying elsewhere.

LAWRENCE L. GROW, Fort Jackson,
St. Lawrance County, New York

NORTH BEND STOCK FARM.

A SON OF BERYL WAYNE DEKOL PAUL and PHEBE VEEMAN'S BEAUTY.

This calf's three neares' dams have A. R. O. records which average 20 lbs. 5 oz. of butter in 7 days, his dam making her record at 2 yrs. of age. Beryl Wayne De Kol Paul, No. 28785 (son of Beryl Wayne 27 lbs. 14 oz of butter in 7 days. A.R.O.) at the head of the herd. Stock for sale at all time. H. H. WICKWIRE, HUBBARDSVILLE, N Y.

SPRINGDALE HERD

Offers three fine yearling bulls, SIR NANNETTE MUTUAL PAUL, PAUL PIETERTJE CORNUCOPIA DEKOL and SIR LILITH PAULINE DEKOL BERYL. All are backed by large A. R. O. records and will be sold at bargain prices. Also a fine lot of bull calves. Write to-day for description, breeding and prices.

H. M. LYON & SONS.,
WYALUSING, PA.

A Few Very Choice Bull Calves

sired by Aaggie Cornucopia Johanna Lad; dams by Paul Beets DeKol and Korndyke Queen DeKol Prince, with good A. R. O. backing. Write for prices. Visitors welcome. **A. W. BROWN.**

A rule of the H.-F. Association provides that owners are limited to three prizes for A. R. O. records made during the official year, both in 7-day and 30-day tests. In other words, the highest number of prizes it is possible for any breeder to win, is six.

By reference to the latest annual report of the Superintendent of Advanced Registry, it will be seen that of the six prizes awarded Brookside Herd, every one was a first prize; and among the members of this herd that were debarred, by the rule, from winning any prize, were three whose records, in their respective classes, were the largest made during the year, including the World's Champion two-year-old, Pontiac Columbo, whose record of 19.46 lbs. (80 per cent) butter in 7 days, is the largest ever made by a heifer under 2½ years old.

For the first time in the history of the H.-F. Association of America, six First Prizes are won by single herd in one year; and because six is the limit, a World's Record heifer in the same herd fails to win any prize at all; while two other members of the herd are also debarred from first prize by the rule of limitation.

If awards had been made without restriction as to the number of prizes that could be won by any one herd, and in accordance with the size of the records made during the year, members of BROOKSIDE HERD would have won nine first prizes.

BROOKSIDE HERD numbers 350 head; farms at Lacona and Liverpool (near Syracuse). If you are at all interested in good cattle, we should be pleased to hear from you.

THE STEVENS BROTHERS-HASTINGS CO,
Lacona, Oswego Co., N. Y.